Property of Steve Lee Timme

Plant Collection numbers 1-5320

April 7, 1978 — October 29, 1984

Class of _____

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National® Brand

56-907
Made in USA

April 1, 1978 MO

Barry Co., Roaring River State Park, R27, T22, Sec. 25 & 26, 27 Lat. 36°35' Long. 93° 45'

Ca. 10.4 KS S. of Jct. 248 & 112.

1. Cercis canadensis L. - S27, SW'4, Rocky Woods

2. Erigenia bulbosa (Michx.) Nutt., S27, SW1/4 Rocky Woods at base of South Slope.

3. Acer Negundo L., S27, SW'4, Rocky Woods at base of South slope.

4. Ranunculus septentrionalis, S27, SW'1/4 Alluvial ground along stream.

5. Thlaspi perfoliatum L., S27, SW'1/4 Alluvial ground along stream.

6. Glechoma hederacea L. var. micrantha Moricand, S34, NE'1/4, Alluvial, disturbed ground along stream

7. Verbena canadensis (L.) Britt.

8. Chaerophyllum procumbens (L.) Grantz. S34, NE'1/4; Alluvial ground near stream.

9. Ranunculs abortivas L.

10. Stellaria media (L.) Cyrillo. v. media. S3/4, NE 1/4 ; Alluvial ground near stream.

11. Capsella bursa-pastoris (L.) Medic. ; S34, NE 1/4 Alluvial, disturbed ground near stream.

12. Viola kitaibeliana R.&S. v. rafinesquii (Greene) Fern. S34, NE 1/4 ; Alluvial, disturbed ground near stream.

13. Claytonia virginica L. ; S34, NE 1/4 ; base of rocky north slope.

14. Vinca minor L. ; S34, NE 1/4 ; base of rocky north slope.

15. Asarum canadense L. ; S34, NE 1/4 ; base of rocky north slope

16. Dicentra cucullaria (L.) Bernh. ; S34, NE 1/4 ; base of rocky north slope.

17. Phlox divaricata v. laphamii Wood ; S35, NW 1/4 base of rocky north slope.

18. Viola papilionacea Pursh ; S34, NE 1/4 ; On disturbed alluvial ground.

19. Erythronium americanum Ker. ; S34, NE 1/4 Base of rocky N. Slope.

20. Dentaria laciniata

21. Isopyrum biternatum

22. Lindera benzoin

23. Ribes missooriense

24. Arabis laevigata

25. Corydalis flavula

26. Sanguinaria canadensis

27. Taraxacum officinale

April 14, 1978 - MO., Barry Co. - Roaring River State Park
R27, T22, Sec. 26 Lat. 36°35' Long. 93°45'
ca. 10.4 km s. of Jct. 248 & 112.

28. Polemonium reptans

29. Phlox divaricata var. laphamii

30. Aesculus glabra var. arguta

31. Staphylea trifolia

32. Trillium viride

33. Uvularia grandiflora

34. Lamium purpureum

35. Barbarea vulgaris

36. Euphorbia commutata

37. Fragaria virginiana

38. Houstonia

39. Lithospermum arvensa

40. Pedicularis canadensis

41. Vicia caroliniana

42. Lamium amplexicaule

43. Viola pedata v. linearíloba

44. Nothoscordum bivalve

45. Ranunculus

46. Hypoxis hirsuta

47. Sisyrinchium campestre

ca. 10.4 km S. of jct. 248 & 112.

April 15, 1978: MO; Barry Co., Roaring River State Park
R27 T22 Lat. 36°35' Long. 93°45'

48. Oxalis violacea var. violacea ; S34, NE 1/4 – Alluvial ground at base of North Slope.

49. Rhamnus lanceolata var. glabrata Gleason. ; S27, SW 1/2; Rocky Woods at base of South Slope.

50.

51. Comandra richardsiana Fern. ; S25, NE 1/4 ; Rocky Glade

52. Lithospermum canescens ; S25, NE 1/4 ; Open Glade

53. Draba cuneifolia Nutt. ; S25, NE 1/4 ; Rocky Open Glade

54. Astragalis canadensis L. ; S25, SW 1/4 ; Rocky Open Woods

55. Ophioglossum engelmanni Prantl. ; S25, NE 1/4 , Open Glade

56. Vaccinium vacillans var. crinitum Fern. ; S36, NE 1/4 Rocky Open Woods.

57. Antennaria plantaginifolia var. ambigens (Greene) Cron. S25, NE 1/4 Open Glade

58. Juniperus virginiana ; S25, NE'1/4 Open Glade

59. Amsonia illustris Woodson; S27, SW1/4 ; Wooded South Slope

60. Viola pensylvancia Michx. ; S27, SW'1/4 Wooded South Slope.

61. Cornus florida ; S27, SW'1/4 ; Wooded South Slope

62. Asimina triloba (L.) Dunal ; S27, SW'1/4 ; Wooded South slope along stream.

63.

64. Arisaema atrorubens ; S27, SW'1/4 ; Rocky Woods base of south slope.

65. Viola pedata var. pedata ; S27, SW1/4 ; Open area base of south slope.

April 18, 1978 : Mexico, Ciudad Victoria.

66.

67.

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69.

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72.

73.

74.

April 28, 1978 ; MO; Graana Co.; Fantastic Caverens, ~ 5mi.
north of Springfield, Mo. - R22, T30, Sec. 31
Lat. 37° 12' Long. 93° 25'. Ca. 5.6 km e. of Hwy 13.

75.

76. Woodsia obtusa (Spreng.) Torr.

77. Mertensia virginica (L.) Pers.

78. Arisaema atrorubens (Ait.) Blume

79. Astragalus canadensis L.

80. Tradescantia tharpii Anderson & Woodson

81. Nothoscordum bivalve (L.) Britton

82. Lithospermum canescens (Michx.) Lehm. - Rocky Glade

83.

84. Hypoxis hirsuta (L.) Coville - rocky glade

85.

86. Viola pedata var. linariloba D.C.

87. Astragalus mexicanus var. trichocalyx (Nutt.) Fern. - Rocky open woods.

88.

89. Antennaria plantaginifolia (L.) Hook. Rocky Open Woods

90. Aesculus glabra Willd. - flood Plain

91.

92. Sassafras albidum (Nutt.) Nees.

93. Dodecatheon meadia L.

94. Arabis missouriensis Greene - rocky wooded slope

95. Dentaria laciniata Muhl. ; woody slope

96. Uvularia grandiflora Sm. - Wooded slope

97. Podophyllum peltatum L. wooded slope

98. Polemonium reptans L. ; wooded slope

99. Viola pensylvanica Michx. - wooded slope

100. Claytonia virginica L.

101. Ranunculus septentrionalis Poir.

102. Ranunculus harveyi (Gray) Britt.

103. Corydalis aurea Willd.

104. Arenaria serpyllifolia L.

105. Trillium sessile L.

106. Phlox pilosa L.

107. Lamium amplexicaule L.

108. *Lamium purpureum* L.

109. *Smilacina racemosa* (L.) Desf.

110. *Capsella bursa-pastoris* (L.) Medic.

111. *Asarum canadense* L.

112. *Viola sororia* Willd.

113. *Camassia scilloides* (Raf.) Cory

114. *Anemonella thalictroides* (L.) Spach.

115. *Ribes missouriense* Nutt.

116. *Trillium sessile* L.

117.

118. *Drabra cuneifolia* Nutt.

119. *Ophioglossum engelmanni* Prantl. on Limestone Glade

May 11, 1978. MO: Barry Co., Roaring River State Park
R 27, T 22 Lat. 36°35' Long. 93°45'
Ca. 10.4 Km S. of Jct. 248 & 112.

120. *Nothoscordum bivalve* (L.) Britton; S25, NE 1/4; rocky L.S. Glade

121. Valerianella ozarkana Dyal; S27, SW 1/4, base of South Slope

122. Potentilla norvegica L.; S27, SW 1/4; Along Roadside

123. Senecio aureus; S27, SW 1/4; Row Low Woods

124. Salix caroliniana Michx.; S36, NW 1/4; Rocky Roadside Ditch

125. Viburnum rafinesquianum var. affine (Bush) House; S27, SW 1/4 Wooded South Slope

126. Erigeron pulchellus Michx.; S27, SW 1/4; Open woods at base of south slope

127. Baptisia leucophaea Nutt. var. leucophaea S36, NW 1/4 Rocky Open Woods

128. Hybanthus concolor (T.F. Forst.) Spreng.; S27, SW 1/4 Rocky Woods of South Slope

129. Krigia biflora (Walt.) Blake; S34, NE 1/4 – Alluvial Ground Along Stream.

130. Dodecatheon meadia; S36, NW 1/4; Rocky Open Glade

131. Delphinium tricorne Michx.; S27, SW 1/4 - Alluvial ground along stream.

132. Camassia scilloides (Raf.) Cory. S27, SW 1/4; Rocky Open Glade

133. Tradescantia ozarkana Anderson & Woodson S27, SW 1/4 Rich Rocky woods at base of south slope

134. Sedum pulchellum Michx.; S27, SW1/4; Base of wooded south slope on Limestone outcrops.

135. Hydrophyllum virginianum L.; S27, SW1/4; Base of southwest facing slope.

136. Hydrophyllum appendiculatum Michx.; S27, SW1/4; Base of south slope

137. Smilacina racemosa (L.)Desf.; S27, SW1/4; Open rocky woods at base of south slope.

138. Lonicera flava var flavescens (small) Gl.; S34, NE1/4; Base of wooded south slope along stream.

139. Geranium maculatum; S27, SW1/4; rocky Open woods

140. Amsonia illustris Woodson; S27, SW1/4; south slope

141. Euphorbia commutata Englem.; S26, NE1/4; Wooded ravine.

142. Aquilegia canadensis; S27, SW1/4; Limestone bluff of south slope.

~~143~~.

June 5, 1978. MO: Barry Co; Roaring River State Park; R27, T22 Lat. 36°35' Long. 93°45' ca. 10.4 km S. jct. 248 + 112.

143. Delphinium carolinianum var. crispum Perry; S36, NW1/4 Rocky limestone glade

144. Dianthus armeria L. ; edge of woods
145. ~~Stanej~~ Saturaja arkansana (Nutt.) Briq. ; S36, NW 1/4 ; Open limestone glade adjacent to road.
146. Stylosanthus biflora (L.) BSP. ; S36, NW 1/4 ; Open limestone glade adjacent to road.
147. Penstemon arkansanus Pennell ; S36, NW 1/4 ; Open limestone glade adjacent to road.
148. Coreopsis lanceolata var. villosa ; S36, NW 1/4 ; Open limestone glade.
149. Tephrosia virginiana (L.) Pers. ; S36, NW 1/4 ; Open limestone glade
150. Hypericum punctatum var. pseudomaculatum (Bush) Fern S36, NW 1/4 ; Open limestone glade
151. Andrachne phyllanthoides (Nutt.) M. Arg. ; S36, NW 1/4 ; Open limestone glade.
152. Schrankia uncinata Willd. ; S36, NW 1/4, Open limestone glade.
153. Rosa rugosa Thunb. ; S36, NW 1/4 ; Open limestone glade
154. Callichoe digitata Nutt. ; Sec 36, NW 1/4 ; Open limestone glade
155. Parthenium hispidum Raf. ; Sec 36, NW 1/4 ; Open limestone glade.
156. Sedum pulchellum Michx. ; S36, NW 1/4 ; Roadside
157. Polygala senega var. latifolia T. & G. ; S27, SE 1/4
158. Galium concinnum T. & G. S27, SE 1/4
159. Rhus radicans var. vulgaris (Michx.) DC ; S27, SE 1/4
160. Oneothera missouriensis Sims ; S36, NW 1/4 ; glade
161. Nasturtium officinale R. Br. ; S27, SE 1/4 ; Stream
162. Chrysanthemum leucanthemum var. pinnatifidum ; S36, NW 1/4 Roadside

163. Prunella vulgaris var. lanceolata (Bart.) Fern.; S36, NW'/4; Roadside
164. Potentilla recta L.; S36, NW'/4; roadside
165. Erigeron strigosus Muhl.; S36, NW'/4; roadside
166. Plantago lanceolata L.; S36, NW'/4; roadside.
167. Penstemon tubaeflorus Nutt.; S36, NW'/4; Edge of woods Along Roadside.
168. Tradescantia ohiensis Raf.; S36, NW'/4; Roadside
169. Silene virginica L. S36, NW'/4; Rocky Woods
170. Ceanothus americanus var. intermedius (Rush) K. Koch. S36, NW'/4; Edge of woods along roadside.
171. Monarda citriodora Cerv.; S36, NW'/4; glade
172. Anemone virginiana; S36, NW'/4; Rocky Woods
173. Ruellia humilus; S36; NW'/4; Roadside
174. Matelea baldwyniana (sweet) Woodson; S27, NE'/4; Rocky Woods
175. Verbena simplex Lehm.; S36, NW'/4; Roadside
176. Penstemon tubaeflorus Nutt.; S36, NW'/4; roadside
177. Allium vineale L.; S36, NW'/4; glade
178. Asclepias viridis Walt., S36, NW'/4, glade
179. Pellaea atropurpurea (L.) Link; S36, NW'/4; Limestone Rock

June 10, 1978: MO - Barry Co.; Roaring River State Park, R27, T22 Lat. 36°35' Long. 93°45' Ca. 10.4 Km S. Jct. 248 & 112.

180. Monarda russeliana Nutt. S36, NW'/4; glade along hiway F.
181. Polygala senega var. latifolia T & G - Rocky Open Woods
182. Plantago virginica L. Roadside Ditch

183. Sisyrinchium campestre Bickn. ; glade.
184. Botrychium virginianum (L.) Sw. ; Woods
185. Clematis pitcheri T & G. ; Rocky Woods
186. Asclepias tuberosa var. interior (woodson) Shinners - glade.
187. Echinacea pallida Nutt. ; S36, NW 1/4 ; glade
188. Vitis cinerea Engelm. ; S26, NW 1/4 ; Woods along stream
189. Asclepias purpurascens L. S26, NW 1/4
190. Galium arkansanum Gray S26, NW 1/4 ; Rocky Woods
191. Galium arkansanum Gray ; S26, NW 1/4 ; Rocky Woods
192. Adiantum pedatum ; S26, NW 1/4 ; South Wooded Slope
193. Camptosorus rhizophyllus (L.) Link ; S26, NW 1/4 On Limestone Glade.
194. Asclepias quadrifolia Jacq. ; S26, NW 1/4 ; Rocky Open Woods
195. Lonicera japonica Thumb. S26, SW 1/4 ; Rocky Slope.

July 3, 1978 : MO: Barry Co., Roaring River State Park. R. 27 ; T22 Lat. 36° 35' Long. 93° 45' ca. 10.4 Km S. of jct. 248 + 112.

196. Rosa setigera Michx. Sec 26, SW 1/4 ; Rocky area along stream.
197. Verbena stricta Vent. S36, NW 1/4 ; Ditch along Hiway F
198. Phryma leptostachya L. S36, NW 1/4 ; Rocky Woods of South Slope.
199. Ruellia humilis var. longiflora (Grey) Fern. S36, NW 1/4 Roadside along Hiway F.
200. Cacalia tuberosa Nutt. S36, NW 1/4 ; Rocky glade along hiway F.
201. Petalostemon candidum (Willd.) Michx. S36, NW 1/4 ; Rocky glade along hiway F.
202. Pycanthemum tenuifolium Schrad. S36, NW 1/4 ; Rocky glade along hiway F.

203. Cimicifuga racemosa (L.) Nutt. ; S36, NW'1/4; glade along hiway F.
204. Prunella vulgaris var. lanceolata (Bart.) Fern. S36, NW'1/4, glade along hiway F.
205. Verbascum blattaria L. S36, NW'1/4; glade along hiway F.
206. Phleom pratense L. S36, NW'1/4; Edge of Woods.
207. Allium vineale L. S36, NW'1/4; glade along hiway F.
208. Lychnis alba Mill. S36, NW'1/4; Edge of Woods.
209. Campanula americana L. S36, NW'1/4; Edge of Woods
210. Hydrangea arborescens L. S35; SW'1/4; Along Stream Bank
211. Helenium amarum (Raf.) H. Rock S36) NW'1/4; Roadside along hiway F.
212. Elymus canadensis L. S36, NW'1/4; Edge of Woods.
213. Euphorbia corollata var. Mollis Millsp. S36, NW'1/4; glade along hiway F.
214. Monarda citriodora Cerv. S36, NW'1/4; glade along hiway F
215. Daucus carota L. S36, NW'1/4; glade along hiway F.
216. Pterdium aquilinum var. pseudocaudatum (Clute) Heller S36, NW'1/4; Edge of Woods.
217. Agave virginica L. S36, NW'1/4; Rocky glade.
218. Saponaria officinalis L.; S35, SW'1/4; Along stream
219. Opuntia compressa (Salisb.) Macbr. S36, NW'1/4; Rocky glade.
220. Euphorbia corollata L. S36, NW'1/4; Rocky glade
221. Asclepias verticillata L. S36, NW'1/4; Rocky glade
222. Phytolocca americana L. S36, NW'1/4; waste ground
223. Sambucus canadensis L. S36, NW'1/4; waste ground
224. Callirhoe digitata Nutt. S36, NW'1/4; Rocky Glade

225. Petalostemon purpureum (vent.) Rydb. S36, NW'1/4, Rocky Glade.
226. Spermolepis inermis (Nutt.) Math & Const. S36, NW'1/4, Rocky Glade.
227. Monarda fistulosa L. S36, NW'1/4, Rocky Glade
228. Tripsacum dactyloides S36, NW'1/4, Edge of woods near glade.
229. Elymus virginicus L. S36, NW'1/4, Rocky Glade
230. Hystrix patula Moench S36, NW'1/4; Rocky Open Woods.
231. Uniola latifolia Michx. S36, NW'1/4; Open Woods
232. Ratibida pinnata (vent.) Barnh. S36, NW'1/4, Ditch along hiway F.
233. Houstonia nigricans (Lam.) Fern. Rocky glades
234. Lobelia spicata var. leptostachys (A. DC.) Mackenz. & Bush; S36, NW'1/4; Rocky Glades
235. Tecurium canadense var. virginicum (L.) Eat. Sec. 35, SW'1/4; Along stream in woods.
236. Dipsacus sylvestris Huds. S36, NW'1/4, Ditch along hiway F.
237. Amorpha canescens Pursh. S36, NW'1/4, Glade along hiway F.
238. Impatiens capensis Meerb. S35, SE'1/4, Stream Bank.
239. Silphium laciniatum L. S36 NW'1/4 glade along hiway F.
240.
241. Echinacea purpurea (L.) Moench. S36, NW'1/4, glade
~~NW'1/4~~.

July 10, 1978 MO: Barry Co., Roaring River State Park, R27, T22
Lat. 36°35' Long 93°45' ca. 10.4 Km S. of jct.
248 & 112.

242. Laportea canadensis (L.) Gaud. S35, SE'/4; along stream in low woodland.
243. Agrimonia pubescens Wallr. S36, NW'/4, dry open woods.
244. Cephalanthus occidentalis L. S35, SE'/4 along stream in low woods.
245. Rudbeckia missouriensis Engelm. S36, NW'/4, glade along hiway F.
246. Cassia fasciculata Michx. S36, NW'/4, glade along hiway F
247. Bouteloua curtipendula (Michx.) Torr. S36, NW'/4 glade along hiway F.
248. Campsis radicans (L.) Seem. S36, NW'/4; woods along hiway F.
249. Cirsium altissimum (L.) Spreng. S36, NW'/4, Ditch along hiway F.
250. Ruellia humilis Nutt. S36, NW'/4, glade along hiway F.
251. Ipomea pandurata (L.) G.F.W. Mey. waste ground near Nature center.
252. Hypericum sphaerocarpum var. turgidum (small) Svenson. S36, NW'/4, Rocky Glade
253. Polygonum hydropiperoides Michx. S36, NW'/4, wet place in ditch along hiway F.
254. Verbena urticifolia L. ditch along hiway F.
255. Belamcanda chinensis (L.) DC. S34, NE'/4, Along roadside near cabins.

256. Nasturtium officinale R.Br. S27, SW¼, Stream

Sept. 23, 1977. MO: Taney Co.; Ozark Underground Laboratory, near Protem, R17W, T22N, S22, SE¼. Lat. 36° 35' Long. 92° 48' ca. 3.2 km east of Hwy 125 and 3.2 km south of 160.

257. Bidens bipinnata L.
258. Sabatia angularis (L.) Pursh
259. Helenium autumale var. parviflorum (Nutt.) Fern.
260. Ambrosia artemisiifolia var. elatior (L.) Descourt.
261. Lobelia siphilitica L
262. Gnaphalium obtusifolium L.
263. Physostegia angustifolia Fernald.
264.
265. Eupatorium altissimum L.
266. Gerardia grandiflora var. cinerea (Pennell) Cory

July 11, 1978. MO: Polk Co, La Petitie Gemme Prairie R23W, T33N, Sec. 25, NW¼, SW¼ Lat. 37° 35' Long. 93° 24' ca. 1.4 km w. of Hwy 13.

267. Physostegia virginiana (L.) Benth.
268. Hypericum punctatum (Bush) Fern.
269. Lythrum alatum var. lanceolatum (Ell.) T. & G. ex. Rothrock
270. Amorpha canescens Pursh.
271. Buchnera americana L.
272. Helenium flexuosum Raf.
273. Silphium integrifolium var. laeve T. & G.
274. Hypericum perforatum L.

275. Asclepias verticillata L.
276. Polygala sanguinea L.
277. Lysimachia quadriflora Sims
278. Dalea candida Michx ex Willd.
279. Physostegia angustifolia Fernald

July 15, 1978. MO: Texas Co., R10W, T33N, Sec. 32 Paddy Creek Recreation Area. Lat. 37°32' Long. 92°01' ca. 6.4 km east of Roby.

280. Chenopodium gigantospermum Aellen
281. Verbena urticifolia L.
282. Verbena stricta Vent.
283. Nuphar luteum subsp. ozarkanum
284. Plantago aristata Michx.
285. Justicia americana (L.) Vahl
286. Lysimachia quadriflora Sims
287. Agave virginica L.
288. Cephalanthus occidentalis L.
289. Saponaria officinalis L.
290. Scutellaria incana var. punctata (Chapm.) Mohr.
291. Samolus parviflorus Raf.
292. Conobea multifida (Michx) Benth.
293. Solidago juncea Ait.
294. Rudbeckia laciniata L.
295. Mentha piperita L.
296. Phlox paniculata L.
297. Cleome spinosa Jacq.
298. Oenothera biennis var. hirsutissima Gray

299. Guara biennis var. pitcheri Pickering
300. Pyrrhopappus carolinianus (Walt.) DC.
301. Andropogon gerardi Vitman
302. Silphium integrifolium Michx.
303. Agalinis auriculata Michx.
304. Silphium terebinthanacium Jacq.
305. Vernonia arkansana DC
306. Vernonia missurica Raf.

August 8, 1978. MO: Barry Co., R27, T22 Lat. 36°35' Long. 93°45'. Ca. 3.2 km east of jct. 112 & F. Along Hwy. F.
307. Oxalis dillenii Jacq. S36 SE'/4, Waste Ground
308. Eryngium yuccifolium Michx. S36, NW'/4 - glade
309. Liatris squarrosa (L.) Michx. S36, SE'/4 - glade
310. Passiflora lutea L. var. glabriflora S36, SE'/4
311. Polystichum acrostichoides S36, SE'/4, Wooded Slope (Michx.) Schott.
312. Desmodium nudiflorum (L.) DC Rocky Wood Slope S36, NW'/4
313. Vernonia baldwinii Torr. S36, NW'/4 - Glade
314 Pheyma leptostachya L. S36, NW'/4 - Slope (south) of rich woods.
315. Eupatorium pupureum L. S36, NW'/4, Wooded South Slope
316. Astragalus distortus S36, NW'/4 - Rocky Glade → T & G.
317. Commelina communis L. S27, SE'/4, Waste Ground
318. Impatiens capensis Meerb. S27, SE'/4, Bank of Stream.
319. Campanula americana ~~L. Gmel.~~ S27, SE'/4. Edge of Woods

320. Laportea canadensis (L.) Gaud. S27, SE¼, Along stream
321. Gaura biennis L. S36, NW¼, Edge of Woods.
322. Tridens flavus (L.) Hitchc. S36, NW¼, Rocky Glade
323. Agrimonia pubescens Wallr. S36, NW¼, Rocky Woods
324. Passiflora incarnata L. S36, NW¼, Along roadside off Hiway F.
325. Coreopsis pubescens Ell. S36, NW¼, Rocky Open Woods
326. Phlox paniculata L. S27, SE¼, Rich low woods along stream.
327. Equisetum hyemale var. elatum (Engelm.) Morton S36, Stream Bank.
328. Rudbeckia missouriensis Engelm. S36, NW¼ - glade
329. Adiantum capillus-veneris L. S36, ~~NW¼~~ SE¼ - On vertical limestone along stream.
330. Andropogon saccharoides Sw. S36, NW¼, glade along hiway F.
331. Bouteloua curtipendula (Michx.) Torr. S36, NW¼, glade along hiway F.
332. Setaria glauca (L.) Beauv. S36, NW¼, Roadside along hiway F.
333. Houstonia nigricans (Lam.) Fern. S36, NW¼, glade along hiway F.
334. Heliotropium tenellum (Nutt.) Torr. S36, NW¼, glade along hiway F.
335. Typha latifolia L. S36, SE¼, along stream

August 13, 1978: MO: Howell Co., Pond, east side of hiway 63, ~ 1 mile south of Pomona. R9W, T25N, S15, NE¼. Lat. 36°53' Long. 91°52'

336. Nymphaea odorata

September 3, 1978. MO: Stoddard Co., R9E, T27N, Duck Creek W.R. Sec. 5. Lat. 36° 59' Long. 89°58' ca. 1.6 east Hwy. 51.

337. Eclipta alba (L.) Hassk.

September 8, 1978. NC.

338. Agalinis purpurea (L.) Pennel
339. Arachis hypogaea L.
340. Nicotiana tabacum L.
341. Elephantopus elatus Bertoloni
342. Chelone glabra L.
343. Lobelia spicata Lam.
344. Impatiens pallida Nutt.
345. Spiranthes cernua (L.) Richard
346. Parnassia asarifolia Vent.
347. Chrysanthumum lacustre Brotero

September 15, 1978. KS, Cowley Co., Junction of 166 & 77; Pasture on south side of hiway.

348. Erigium leavenworthii T & G

March 31, 1979. AR; West side of hiway 23 ~ 1 mile southeast of Eureka Springs.

349. Hepatica nobilis Schreb. var. obtusa (Push.) Stey. Along roadside at edge of woods.

May 26, 1979. AR; East side of hiway 5 ~ 8 mi north of Mt. View.

350. Spilegia

May 30, 1979. MO: Christian Co., East side of hiway 125 ~ 2.5 mile south of Garrison. R19W. T25N, S25, SE 1/4. Long. 93°01' Lat. 36°50'.

351. Penstemon cobaea var. purpureus. Along hiway on exposed limestone.

May 23, 1979. MO: Polk Co., La Petite Gemme Prairie T33N, R22W, S25, NW 1/4 Lat. 37°36'N Long. 93°22'W. Ca. 2.4 Km W of Hwy 13.

352. Lilium michiganensa Along fence on South end of prairie; just east of RR tracks.

August 17, 1979. MO: Shannon Co. South side of hiway 106 at junction 106 & E ~ 4 mile west Eminence. R4W, T29N, S31, NE 1/4 Lat. 37°08' Long. 91°30'

353. *Echium vulgare* L. along roadside in ditch.

March 5, 1980. KS: Sumner Co., Pasture of Knight farm ~ 4 mile southwest of Caldwell. T35S R3W S18 Lat. 37°00' Long. 97°40'

354. *Corydalis aurea* Willd. var. *occidentalis* Engelm.

355. *Lithospermum incisum* Lehm.

April 12, 1980. MO: Greene Co., Sequiota Park. SE Springfield. T28N R21W S09 Lat. 37°08' Long. 93°11'. ca. 1.6 km NW of Jct. 60 & 65.

356. *Dicentra cucullaria* (L.) Bernh. On rock outcrops.

April 12, 1980. MO: Greene Co., south west side of hiway 125 ~ 1.6 km north of junction 125 & D. T29N R20W S28 Lat. 37°13'N Long. 93°07'W Floodplain along James River.

357. *Mertensia virginica* (L.) Pers.

April 12, 1980. MO: Greene Co., Ravine, ~ .25 mile southeast of the James River Bridge on hiway 65 near junction hiway 60. R21W T28N, S22, NW 1/4. Lat. 37°08' long. 93°12' Steep wooded slope and ravine.

358. *Trillium sessile* L. - North Slope

359. *Actaea pachypoda* Ell. - along stream.

April 13, 1980 AR: Hiway 23 ~ 4 mile north of Eureka Springs. R26W, T20N, S34.

360. Astragalis mexicanus var. trichocalyx (Nutt.) Fern.

April 13, 1980, AR: hiway 23 ~ 1 mile north of Eureka Springs. R26W, T20N, S3

361. Uvularia grandiflora Sm.
362. Lithospermum canescens (Michx.) Lehm.
363. Anemonella thalictroides (L.) spach.
364. Viola pedata L.
365. Corydalis flavula (Raf.) DC
366. Ranunculus harveyi (Gray) Britt.

April 20, 1980 MO: Greene Co., Ravine ~ .25 mile SE James River Bridge on hiway 65 near junction 60. R21N, T28N, S22. Lat. 37°08' Long. 93°12' Steep wooded slope and ravine.

367. Erythronium albidum Nutt.
368. Caulophyllum thalictroides (L.) Michx.
369. Sanguinaria canadensis L.
370. Claytonia virginica L.

April 27, 1980 MO: Holt Co., Squaw Creek Wildlife Refuge near Mound City. Off hiway T ~ 2 mi south of Mound City, R38W, T61N, S8. Lat. 40°04' Long. 95°14'.

371. Castilleja sessiflora Pursh. Along hiway.

April 29, 1980. MO: Howell Co. – Ravine Along Eleven Point River and Lost Camp Creek. T26N R08W S24
Lat. 36° 55' Long. 91° 44'

372. Hamamelis vernalis Sarg.
373. Cornus florida L.
374. Cardamine bulbosa (Schreb.) BSP
375.
376. Polemonium reptans L.
377. Hepatica nobilis var. obtusa (Pursh.) Stey.
378. Asarum canadense L.
379. Phlox divaricata L. var. laphamii Wood.
380. Pedicularis canadensis L.
381. Uvularia grandiflora Sm.
382. Hydrastis canadensis L.
383. Viburnum prunifolium L.
384. Staphylea trifolia L.
385. Castilleja coccinea (L.) Spreng.
386. Lithospermum canescens (Michx.) Lehm.
387. Antennaria plantaginifolia (L.) Hook

April 30, 1980. Greene Co., ~ 2 miles east of Springfield off hiway J. Ravine south of the Ross Williams residence. T28N R21W S1
Lat. 37° 09' Long. 93° 10'

388. Ribes missouriense Nutt.
389. Viola pensylvanica Michx.
390. Asarum canadense L.
391. Phlox divaricata L. var. laphamii Wood.

392. Uvularia grandiflora Sm.
393. Anemonella thalictroides (L.) Spach.
394. Trillium sessile L.
395. Dodecatheon meadia L.
396. Polemonium reptans L.
397. Antenaria plantaginifolia
398. Asimina triloba (L.) Dunal
399. Viburnum prunifolium L.
400. Geranium maculatum L.

May 2, 1980. KS. Coffeeville ~ 3 mile east on north side of hiway 166.

401. Oenothera triloba Nutt.

May 3, 1980. KS: Sumner Co., ~ 3 mile south of Caldwell Kansas on Clifford Knight Farm. T35S R3W S17 Lat. 37°00' Long. 97°39'

402. Ceanothus herbaceus Raf.
403. Androstephium caeruleum (Scheele) Green
404. Oxytropis lambertii Pursh.
405. Lomatium foeniculaceum (Nutt.) C&R. var. daucifolium (T&G) Crong.
406. Linum lewissii var. pratense Noston
407. Allium perdulce S.V. Fraser.

May 7, 1980 MO: Polk Co., La Petite Gemme Prairie ~ 1.5 mile (2.4 Km) west of Hiway 13. T33N, R22N, S25, NW1/2. Lat. 37° 36' N Long. 93° 22' W

408. Lithospermum incisum Lehm.
409. Phlox pilosa L.
410. Senecio plattensis L.
411. Castilleja coccinea (L.) Spreng. Red Flowered Form
412. Castilleja coccinea (L.) Spreng. – Yellow Flowered Form

May 9, 1980 MO: Greene Co., Glade at Old Southern Hills. Southside of Springfield. T28N R21W S17 Lat. 37°08' Long. 93°12'
413. Krigia virginica (L.) Willd. LS glade
414. Camassia scilloides (Raf.) Cory LS glade
415. Silene virginica L. Rocky woods.
416. Verbena canadensis Nutt. LS glade

May 11, 1980. NM: North of Santa Fe.

417. Castilleja miniata
418. Mertensia ciliata
419. Berberis repens
420.

May 13, 1980. NM: Elephant Butte Lake.

421. Ipomopsis longiflora

1.6 km
May 20, 1980 MO: Taney Co., Along hiway "Y" ~ 1 mile south of Forsyth. R20W, T23N, Sec 5 Lat. 36°43' Long. 93°04'

422. Erysimum capitatum (Dougl.) Greene

May 25, 1980. MO: Barry Co., Roaring River State Park. ~7 mile South of Cassville. Edge of bluff on west slope. R27W, T22N, S26, NE 1/4 Lat. 36°35' Long. 93°45'

423. Liparis liliifolia (L.) Richard

May 28, 1980. MO: Stone Co., Table Rock State Park. off hiwa JJ ca. 6.4 km north of hwy 86. T22N R22W S20 Lat. 36°36' Long. 93°20'

424. Diospyros virginiana var. pubescens (Porsh.) Dippel.

425. Allium mutabile Michx.

May 28, 1980. MO: Taney Co., Glade along hiway 76 ~ 5.0 km west of Branson – Dewy Bald – R22W, T23N, S34, NE 1/4. Lat. 36°37'18' Long. 93°

426. Penstemon tubaeflorus Nutt.

427. Verbena simplex Lehm.

428. Echinacea pallida

429. Baptisia australis (L.) R. Br. var. minor (Lehm.) Fern.

430. Oenothera macrocarpa Nutt.

431. Delphinium treleasei Bush

432. Asclepias viridiflora var. lanceolata (Ives) Torr.

433. Castilleja coccinea (L.) Speng.

434. Echinacea paradoxa (Norton) Britt.
435. Rhamnus caroliniana Walt.

May 28, 1980 MO: Taney Co., 3.5 mile south of junction DD & 125. R17W, T23N, S6, NW'1/4. Lat. 36° 42' Long. 92° 50'.
436. Penstemon cobaea var. purpureus Pennell.
437. Scutellaria bushii Britt – Along roadside at edge of glade.

May 28, 1980 MO: Taney Co., 3.9 mile west of Rueter along hiway 160. R17W, T22N, S16, NE'1/4. Lat. 36° 35' Long. 92° 48'.

438. Penstemon cobaea var. purpureus Pennell.

May 28, 1980. MO: Taney Co., 3.3 mile west of Rueter along hiway 60. R18W, T22N, S4, SW'1/4. Lat. 36° 36' Long. 92° 51'
439. Penstemon cobaea var. purpureus Pennell.

May 30, 1980. MO: Atchinson Co., Farm ~ 1 mile south of AB hiway. R41W, T66N, S29, SW'1/4 Lat. 40° 29' Long 95° 35'.
440. Yucca glauca Nutt. Loess Mounds
441. Cannabis sativa L. Near farm buildings
442. Oenothera serrulata Nutt. Loess mounds

May 30, 1980. MO: Holt Co., 1.1 mile south of Holt/Atchinson Co., line along hiway 111. R40W, T63N, S19, SW'/4 Lat. 40°00' Long. 95° 23'

443. Anemone canadensis L. in ditch

444. Iris virginica L. var. Schevei (small) in ditch

June 1, 1980. MO: Holt. Co. Squaw Creek Wildlife Refuge. Ravine in loess mounds. R39W, T61N, S8.7 Lat. 40°01' Long. 95°00'

445. Arisaema dracontium (L.) Schott.

446. Smilax herbacea var. lasioneura (Hook.) A.DC.

June 1, 1980. MO: Bates Co., Walley's Mound ~2 mile Southeast of Merwin. R33W, T41N, S10, SW'/4. Lat. 38° 23' Long. 94°34'

447. Penstemon cobaea Nutt. var. cobaea

448. Penstemon tubaeflorus Nutt.

June 3, 1980. MO: Greene Co., Open waste ground south of Tameron village in Springfield. R21W, T28N

449. Gaillardia pulchella Faug.

May 6, 1980. MO: Polk Co., La Petite Gemme Prairie. T33N, R22W, S25, NW'/4 Lat. 37°36'N Long. 93°22'W ca. 2.4 Km W. Hwy 13.

450. Pedicularis canadensis L.

451. Asclepias viridis Walt

452. *Coreopsis palmata* Nutt
453. *Cornus obliqua* Raf.
454. *Parthenium integrifolium* L.
455. *Achillea millefolium* subsp. *lanulosa* (Nutt.)
456. *Hypericum perforatum* L.
457. *Castilleja coccinea* (L.) Spreng.
458. *Camassia angusta* (Engelm. & Gray)
459. *Penstemon tabaeflorus* Nutt.
460. *Echinacea pallida* Nutt.

June 12, 1980 MO: Barry Co., Roaring River State Park. ~7 mile south of Cassville, West end of piper trail. R27W, T22N. Lat. 36° 35' Long. 93° 45' S27 SW1/4
461. *Panax quinquefolius* L. R27W, T22N, S27, SW1/4.

June 23, 1980. MO: Polk Co., Prairie site along hiway 13 ~ 5 mile north of junction "B" & 13. R24W, T34N, S[illegible], SE1/4 Lat. 37° 39' Long. 93° 35'
462. *Petalostemon candidum* (willd.) Michx.
463. *Echinacea pallida* Nutt.
464. *Echinacea paradoxa* (Norton) Britt.

June 23, 1980 MO: Henry Co., Prairie on north side of hiway 7 ~ ½ mile east of Coal, R24W, T41N, S20, SW1/4 Lat. 38° 19' Long 93° 32'
465. *Petalostemon purpureum* (Vent.) Rydb.

466. Dianthus armeria L.
467. Physostegia angustifolia Fernald.
468. Asclepias tuberosa var. interior (Woodson)
469. Echinacea pallida Nutt.
470. Castilleja coccinea (L.) Spreng.
471. Petalostemon candidum (Willd.) Michx.
472. Lilium michiganense Farw. — Swale area

June 25, 1980. MO: Bates Co., Roadside along hiway 52 ~ 1.9 mile west of Bates/St. Clair Co. line; 3.2 mile east of junction "BB" & 52. R29W, T39N, S1 ~~NE~~ SW 1/4. Lat. 38° 10' Long. 94° 02'.

473. Lilium michiganense Farw.

June 30, 1980. MO: Polk Co., La Petite Gemme Prairie. T33N, R22W, S25, NW 1/4. Lat. 37°36'N Long. 93°22'W ca. 2.4 km west of Hwy. 13.

474. Baptisia leucantha T & G.
475. Castilleja coccinea (L.) Spreng.
476. Ratibida pinnata (Vent.) Barnh.
477. Pacus carota L.
478. Physostegia angustifolia Fernald
479. Rudbeckia hirta L
480. Parthenium integrifolium L.
481. Desmanthus illinoensis (Michx.) MacM.
482. Hypericum perforatum L.
483. Dianthus armeria L.

484. Asclepias viridiflora var. lanceolata (Ives.) Torr.
485. Rosa setigera Michx.

July 1, 1980: NC, Hyde Co., Cape Hatteras ~~Wildlife Refuge~~. National Seashore.
Along hiway 12 ca. 6.4 Km northeast of Ocracoke.
Lat. 35° 05' Long. 75° 98'

486. Asclepias lanceolata Walter. edge of Sand Dunes

July 1, 1980: NC: Washington Co., Pettigrew Lake State Park south of Creswell.
Lat. 35° 45' Long. 76° 31'

487. Pontederia cordata L.

July 2, 1980. NC., Chowan Co., 3/4 mile east of Edenton along hiway 32.
Lat. 35° 99' Long. 76° 45'

489. Helenium flexuosum Raf.
490. Monarda didyma L.

July 2, 1980: NC, Chowan Co., ~ 2 mi SE of junction 32 & 37 east of Edenton.
Lat. 35° 99' Long. 76° 45'

491. Saururus cernuus L.
492. Impatiens capensis Meerb.

493. Penstemon australis Small
494. Ruellia caroliniensis (Walter) Steudel.

July 2, 1980. N.C.: Chowan Co., ~ ~~3 mile~~ 4.8 km Southeast of Edenton in Pond along roadside. Lat. 36° 00' Long. 76° 50'.

495.

July 13, 1980. MO: Barry Co., ~ 1.5 mile north of junction 86 & "F" along roadside on highway 86, R26W, T22N, S29, SE 1/4

496. Sabatia angularis (L.) Pursh.

August 14, 1980. MO: Lawrence Co., Mt. Vernon Prairie. T28N R26W S7 NE 1/4 Lat. 37° 02' Long. 93° 41' ca. 2.4 Km N. of Hwy CC.
497. Euphorbia corollata L.
498. Solidago nemoralis Ait.
499. Asclepias hirtella (Pennell) Woodson
500. Liatris squarrosa var. hirsuta (Rydb.) Gaiser.
501. Helianthus mollis Lam.
502. Silphium laciniatum L.
503. Vernonia crinita Raf.

August 19, 1980. MO: Polk Co., Roadside ~ ~~mile~~ 2.4 Km west of Hiway 13 leading to La Petite Gemme Prairie. R23W, T33N, S25. Lat. 37° 36' Long 93° 22'

504. Asclepias incarnata

August 20, 1980. MO: Cass Co., Junction of Commercial and Industrial Streets in Harrisonville. R31W, T44N. S5 Lat. 38° 41' 94° 13'

505. Hibiscus trionum L.

506. Chichorium intybus — white form

August 21, 1980. MO: Polk Co., La Petite Gemme Prairie. T33N, R22W, S25, NW1/4. ca. 2.4 Km west of hwy 13. Lat. 37° 36' Long. 93° 22'

507. Helenium autumale var. parviflorum (Nutt). Fern.

508. Rudbeckia hirta L.

509. Euphorbia corollata L.

510. Cirsium altissimum (L.) Spreng.

511. Asclepias viridiflora var. lanceolata (Ives.) Torr.

512. Vernonia crinita Raf.

513. Agrimony parviflora Ait.

514. Buchnera americana L.

515. Solidago missouriensis Natt.

516. Ruellia humilis var. Longiflora (Gray) Fern.

517. Cassia fasciculata var. robusta (Pollard) Macbr.

August 24, 1980. KS: Somner Co., Roadside ~ 3/4 mile Southwest of Caldwell. T35 R3W S17 Lat. 37°00' Long. 97°40'

518. Euphorbia marginata Pursh.
519. Haplopappus ciliatus (Nutt.) DC.
520. Cleome serrulata Pursh.
521. Parthenium integrifolium L.
522. Asclepias stenophylla Gray
523. Argemone polyanthemos (Fedde) G.B. Ownbey
524. Stenosiphon linifolius (Nutt.) Britt.

August 28, 1980. MO: Greene Co., Along intermittent stream behind Lawrence Photo. R22W, T28N, S26 Springfield. Lat. 37° 10' Long. 93° 27'

525. Rorippa islandica (Oeder) Borbas
526. Asclepias incarnata L.
527. Lobelia siphilitica var. ludoviciana A. DC.
528. Lycopus americanus Muhl.
529. Verbena uticifolia L.
530. Mimulus ringens var. minthodes (Greene) Grant
531. Verbena hastata L.
532. Saponaria officinalis L.
533. Lippia lanceolata Michx.
534. Agrimony parviflora Ait.
536. Campsis radicans (L.) Seem.
537. Helenium autumnale var. parviflorum (Nutt.) Fern.
538. Impatiens capensis Meerb.

August 31, 1980, MO: Howell Co., ~ 1 mile (1.6 Km) south of Pomona R9W, T25N, S15, NE 1/4 Lat. 36° 42' Long. 91° 59'

539. Nymphaea ordorata in pond.

September 1, 1980. MO: Polk Co., Lo Petite Gemme Prairie, R23W, T33N, S25, NW1/4. Lat. 37°36' Long. 93°22' ca. 2.4 Km W. of hiway 13.

540. Petalostemon multiflorum Nutt.
541. Andropogon gerardi Vitman
542. Eragrostis spectabalis (Pursh.) Steud.
543. Stylosanthus biflora (L.) BSP
544. Vernonia crinita Raf.
545. Desmanthus illinoensis (Michx.) MacM.
546.
547. Ruellia humilis var. longiflora (Gray) Fern.
548. Agrimony parviflora Ait.
549. Parthenium hispidulum Raf.
550. Panicum virgatum L.
551. Helenium autumnale var. parviflorum (Nutt.) Fern.
552.
553. Buchnera americana L.
554. Lobelia siphilitica L.

September 3, 1980. MO: Texas Co., Paddy Creek Recreational Area. R10W, T33N, S21 Lat. 37°32' Long. 92°01' ca. 6.4 Km E of Roby.

555. Agrimony pubescens Wallr. Woods
556. Cassia nictitans L. Rocky open woods
557.
558. Lysimachia quadriflora Sims - Bank of Stream

559. Liatris cylindracea
560. Euphorbia corrolata L. open woods
561. Ruellia humilis Nutt. rocky open woods
562. Aster patens Ait. rocky open woods
563. Aster ptarmicoides (Nees.) T&G. Rocky Open Woods.
564. Hypericum spathulatum (Spach.) Steud – Open ground at the base of bluff.
565. Lobelia inflata L. Alluvial ground along stream
566. Strophostyles helvola (L.) Ell. Along roadside in ditch. NW¼.
567. Verbena stricta Vent. Along roadside
568. Impatiens capensis Meerb. Bank of Stream
569.
570. Elephantopus carolinianus Willd.
571. Gerardia tenuifolia var. parviflora Nutt.
572. Oenothera biennis var. canescens T.&G.
573. Gerardia grandiflora var. cinerea (Pennell) Cory
574. Cunila origanoides (L.) Brit. Woods
575. Lobelia cardinalis L. Near Stream
576. Physostegia virginiana (L.) Benth. Near Spring
577. Campanula americana L. Woods
578. Saponaria officinalis L. On gravel bar
579. Verbesina alternifolia (L.) Brit. Near stream
580. Verbesina virginica L. Near stream
581. Mimulus ringens L.

September 4, 1980 MO: Shannon Co., Jack's Fork River between Aley Springs and Eminence. R4W, T29N, S~~28~~, ~~[illegible]~~. Lat. 37° 36' Long. 91° 43° ca. 1.8 Km W. of W. Eminence along Hwy. 106.

582. Alisma plantago-aquatica var. parviflorum (Pursh.) Torr.
583. Lobelia siphilitica L.
584. Lobelia cardinalis
585. Mimulus ringens var. minthodes (Greene) Grant
586. Aster cordifolius L. Base of bluff along Stream. SW'14, Sec. 30,
587. Helenium autumaale L.
588.
589. Mimulus ringens var. minthodes (Greene) Grant
590. Nuphar luteum subsp. Ozarkanum (Miller & Standley) Beal. R5W, T29N, S25, SE'14
591. Mirabilis nyctaginea (Michx.) MacM. R5W, T29N, S36, NW'14

September 5, 1980 AR: Baxter Co., Disturbed ground on east edge of Mt. Home. T19N R13W S14. Along Hiway 5.

592. Diodia teres Walt.
593. Liatris aspera Michx.
594. Solanum americanum Mill.

September 5, 1980. MO: Taney Co., Glade along hiway 76 west of Branson. R22W, T23N, Sec. 34. Lat. 36° 38' Long. 93° 19'.

595. Mentzelia oligosperma Nutt.
596. Bumelia lanuginosa var. albicans Sarg.
597. Liatris mucronata DC.
598.

September 12, 1980. MO: Greene Co., Roadside ~ 3 mile east of hiway 123 on forest road. R23W, T30N, S15 Lat. 37° 20' Long. 93° 31'.

599. Gutierrezia dracunculoides (DC.) Blake
600. Mentzelia oligosperma Nutt.

September 12, 1980. MO: Greene Co., Roadside ~ .25 mile off hiway "Z" on Farm Road. R23W, T30N, S11. 37° 20' Lat. Long. 93° 31'

601. Lycium halimifolium Mill.
602.
603. Salvia azurea Lam. var. grandiflora Berth.

September 12, 1980. MO: Polk Co., LaPetite Gemme Prairie. R23W, T33N, S25, NW 1/4 Lat. 37° 36' Long. 93° 22' ca. 2.4 km W. of hiway 13.

604. Echinacea pallida Nutt.

605.
606. Liatris cylindracea Michx.
607. Buchnera americana L.
608. Vernonia crinita Raf.
609. Oxalis violacea L.
610. Parthenium integrifolium L.
611. Ruellia humilis Nutt.
612. Stylosanthus biflora (L.) BSP
613
614
615. Helenium autumnale L.
616.
617.
618. Andropogon gerardi Vitman
619. Aristida purpurascens Poir.
620. Helianthus mollis Lam.
621. Setaria geniculata (Lam.) Beauv.
622. Sporobolis aspera (Michx.) Kunth.
623. Aristida purpurascens Poir.
624. Andropogon gerardi Vitman

September 23, 1980 MO: Greene Co., Along farm road ~ 1 km north of hiway "O". R23W, T30N, S18, NW1/4, NW1/4. Glade Area.
Lat. 37° 20' Long. 93° 31'
625. Thelesperma filifolium (Hook.) Gray var. intermedium (Rydb.) Shinners.
626. Asclepias tuberosa L.
627. Salvia azurea var. grandiflora Benth.

628. Acalyptra gracilens var. monococca Engelm.
629. Allium schoenoprasum (L.) Hartm.

October 16, 1980. GA: Talluah Falls.

630.
631.
632. Campanula
634. Gentiania

October 17, 1980 GA: Chattooga Co., Along roadside ~1 mile east of Summerville on hiway 48.

635. Pueraria lobata (Willd.) Ohwi.

October 18, 1980. NC: Macon Co., Bridal Viel Falls ~4 mile north of Highlands on hiway 28.

636. Lobelia siphilitica L.
637. Chelone obliqua L.
638. Parnassia asarifolia Vent.
639. Gentiana quinquefolia L.
640. Spiranthes gracilis (Bigel.) Beck.

October 20, 1980 MO: Stoddard Co., Crowely's Ridge R10E, T25N, Sec. 1; ca. 2.0 Km N of hiway 60 & 2.1 Km E of hiway 25. Lat. 36°47'N Long. 89°[redacted]55'

641. Epifagus virginiana (L.) Bart.

December 2, 1980. MO: Polk Co., La Petite Gemme Prairie. R23W, T33N, S25, NW 1/4. ca. 2.4 km W. of Hwy 13. Lat. 37°36' Lat. 93°22'W

642. Gentiana puberula Michx.

March 30, 1981 MO: Greene Co., In yard at 2754 West Washita. R22W, T29N. Lat. 37°08' Long. 93°25'. S.34

643. Anemone caroliniana Walt.

April 1, 1981 MO: Greene Co.,

644.
645.

April 1, 1981 MO: Barry Co., 9.5 mile east of Cassville on hiway 248 along roadside. R26W, T23N, Sec. 7. Lat. 36°39' Long. 93°41'

646. Verbena canadensis (L.) Brit.
647. Antennaria plantaginifolia (L.) Hook.
648. Vaccinium vacillans Torr.
649. Lithospermum canescens (Michx.) Lehm.
650. Viola pedata var. linearíloba DC.
651. Oxalis violacea var. trichophora Fassett.

April 1, 1981 MO: Barry Co., Ravine behind house at 116 Sunset Dr. in Cassville. R27W, T23N, Sec. 29., NW1/4 Lat. 36° 36' Long. 93° 59'

652. Trillium pusillum Michx. var. ozarkanum (Palmer & Steyer.) Steyer. North Slope of wooded ravine.

April 5, 1981 MO: Greene Co., Ravine. R21W, T28N, S22 0.4 Km SE of James River Bridge ~~N.~~ Lat. 37°08' Long. 93°12'

653. Erythronium albidum Nutt.
654. Dentaria laciniata Muhl.
655. Phlox divaricata L. var. laphamii Wood
656. Sanguinaria canadensis L.
657. Arisaema atrorubens (Ait) Blume
658. Botrychium virginianum (L.) Sw.
659.
660. Viola pensylvanica Michx.
661. Trillium sessile L.
662. Trillium sessile L. form viridiflorum Beyer.
663. Barbarea vulgaris R. Br.
664. Ranunculus septentrionalis Poir.
665. Anemonella thalictroides (L.) Spach.
666. Erigenia bulbosa (Michx.) Nutt.
667. Claytonia virginica L.
668. Viola sororia Willd.
669. Caulophyllum thalictroides (L.) Michx.

April 5, 1981. MO: Greene Co., James River ~ 1.4 km North on 125 from junction 125 & "D". R20W, T29N, S28, NW 1/4. Lat. 37° 13' Long. 93° 07'.

670. Mertensia virginica (L.) Pers.
671. Sanguinaria canadensis L.
672. Trillium sessile L.
673. Erythronium americanum Ker.
674. Dicentra cucullaria (L.) Bernh.

April 11, 1981 AR: Newton Co., Terrapin Branch.

675. Disporum lanuginosum (Michx.) Nichols.
676. Uvularia grandiflora Sm.
677. Erythronium americanum Ker.

April 12, 1981, MO: Dade Co., ~ 1.7 km West of Bona on hiway 215 — "Bona Glade". R25W, T33N, S33, SW 1/4, SW 1/4 Lat. 37° 34' Long. 93° 38'.

678. Aulacomnium heterostichum ✓
679. Anomodon rostaratus ✓
680. Entodon seductrix ✓
681. Atrichum angostatum ✓
682. Leucodon julaceus ✓
683. Hedwigia ciliata ✓
684. Lindbergia brachytera ✓

685. Tortella humilis ✓
686. Fabronia ciliaris ✓
687. Tetraphis pellucida ✓
688. Brothera leana ✓
689. Polytrichum piliferum ✓
690. Polytrichum juniperinum ✓
691. Bryoandersonia illecebra ✓
692. Gratoneuron filicinum ✓
693. Myuella sibirica ✓
694. Sematophyllum demissum ✓
695. Hedwigia ciliata ✓
696. Ditrichum pallidum ✓
697. Bartramia pomiformis ✓
698. Aulacomnium palustre ✓
699. Homalia trichomanoides ✓
700. Platygyrium repens ✓
701. Tortula pagorum ✓
702. Haplohymenium triste ✓
703. Mnium cuspidatum ✓
704. Orthotricum diaphanum ✓
705. Hypnum curvifolium ✓
706. Rhytidiadelphus triquetrus ✓
707. Pleurochate squarrosa ✓
708. Syrrhopodon texanus ✓
709. Gymnostomum aeruginosum ✓
710. Fissidens subbasilaris ✓
711. Bryum capillare ✓
712. Callicladium haldanianum ✓

713. Drummondia prorepens ✓
714. Fissidens obtusifolius ✓
715. Dicranum condensatum ✓
716. Diacranella heteromalla ✓
717. Leskea polycarpa ✓
718. Polytrichum commune ✓
719. Grimmia laevigata ✓
720. Pholia nutans ✓
721. Weissia controversa ✓
722. Hypnum curvifolium Hedw. ✓
723 Ceratodon purpureus (Hedw.) Brid. ✓
724. Desmatodon obtusifolius (Schwaegr.) Schimp. ✓
725. Pylaisiella selwynii (Kindb.) Crum, Steere & Anderson. ✓

April 19, 1981 MO: St. Clair Co., "Lichen Glade" ~ 4.5 mile west of Osceola on hiway "B". R38N, R26W, S16, SW 1/4 Lat. 38°00' Long. 93° 55'

726. Lindbergia brachyptera (Mitt) Kindb. ✓
727. Bartramia pomiformis Hedw. ✓
728. Grimmia laevigata (Brid.) Brid. ✓
729. Forsstroemia trichomitria (Hedw.) Lindb. ✓
730. Hypnum curvifolium Hedw. ✓
731. Dicranum scoparium Hedw. ✓
732. Leucobryum glaucom (Hedw.) Angstr. in Fr. ✓
733. Hedwigia ciliata (Hedw.) P. Beauv. ✓

734. Tetraphis pellucida Hedw. ✓
735. Clasmatodon parvulus (Hampe) Hook & Wils. ex. Sull. ✓
736. Bryum capillare Hedw. ✓
737. Leucodon julaceus (Hedw.) Sull. ✓
738. Grimmia pilifera P. Beauv. ✓
739. Drummondia proregens (Hedw.) Br. H ✓
740. Haplohymenium triste (ces. ex De Not.) Kindb. ✓
741. Anomodon minor (Hedw.) Fuernr. ✓
742. Orthotrichium pusillum Mitt. ✓
743. Entodon seductrix (Hedw.) C. Mull. ✓
745. Anomodon rostratus (Hedw.) Schimp. ✓
746. Ditrichum pallidum (Hedw.) Hampe. ✓
747. Atrichum angustatum (Brid.) BSG. ✓
748. Mnium cuspidatum Hedw. ✓
749. Desmatodon plinthobius Sull. & Lesq. ex. Sull. ✓
750. Homomallium adnatum (Hedw.) Broth. ✓
751. Dicranum scoparium Hedw. ✓
752. Polytrichum juniperum Hedw. ✓

May 1, 1981 MO: Lawrence Co., ~2 mile east of Chesapeake. R25W, T28W, S23, NW 1/4. Lat. 37° 05' Long. 93° 37'.
Labels Made

753. Anomodon rostratus (Hedw.) Schimp. ✓
754. Grimmia pilifera P. Beauv. ✓
755. Fabronia ciliaris (Brid.) Brid. ✓
756. Physcomitrium pyriforme (Brid.) De Not ✓
757. Schwetschekeopsis fabronia (Schwagr.) Broth. ✓
758. Fissidens cristatus Wils. ex. Mitt. ✓
759. Hedwigia ciliata (Hedw.) P. Beauv. ✓

780. Mnium cuspidatum Hedw. ✓
781. Mnium affine Bland ex. Funck. ✓
782. Bryoandersonia illecebra (Hedw.) Robins. ✓
783. Entodon seductrix (Hedw.) C. Mull. ✓
784. Atrichum angustatum (Brid.) BSG. ✓
785. Dicranum scoparium Hedw. ✓
786. Brothera leana (Sull) C. Mull. ✓
787. Polytrichum juniperinum Hedw. ✓
788. Dicranum condensatum Hedw. ✓
789. Anomodon rostratus (Hedw.) Schimp. ✓

October 23, 1981. MO: Polk Co., La Petite Gemme Prairie. 473 Road
Labels Made R23W, T33N, S25, NW 1/4 Lat. 37° 33'
Long. 93° 24' Ca. 1.2 Km West of Hwy 13.
790. Campylium hispidulum
791. Bryoandersonia illecebra
792. Bryum pseudotriquetrum
793. Fissidens cristatus
794. Atrichum angustatum
795. Eurhynchium pulchellum
796. Ditrichum pallidum
797. Brachythecium oxycladon
798. Weissia controversa

May 8, 1982 AR: Washington Co., Along roadside on business 71 ~ .5 mile from Fayetteville Courthouse (south) T16N R30W S3
Lat. 36° 02' Long. 94° 10'.

799. Tragopogon porrifolius L.

May 18, 1982 AR: Washington Co., Devil's Den State Park.
Ca. 9.6 km W. of Hwy 71 off Hwy 170/74.
T13N R31W S24. Lat. 35° 42' Long 94° 15'
800. Valerianella stenocarpa - Sandstone glade along Yellow Rock Trail.

May 19, 1981. NM: Near Elk.

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802.

May 21, 1981. UTAH: Mt. Zion National Park.

803. Penstemon eatonii
804. Stanleya pinnata
805. Castilleja chromosa
806. Petalostemon searlesii
807. Mirabilis multiflora
808. Gilia aggregata
809. Lathyrus zionis

May 22, 1981. CA: Near Eureka.

810: Saxifraga

811. Clarkia rhomboidea
812. Ceanothus thyrsiflorus Eschsch.
813. Dicentra formosa

June 2, 1981 MO: Atchison Co., T66N R42W S2
Lat. 40° 34' Long. 94° 39'. ca. 2.4 Km
S. of MO/NE State Line along Hwy. 275.
814. Penstemon grandiflorus Nutt.

June 2, 1981 MO; Bates Co., "Walley's Mound" ca. 3.2 Km
SE of Merwin. T41N R33W S10 SW1/4
Lat. 38°23' Long. 94°34'.
815. Penstemon cobaea Nutt.

June 21, 1981 MO: Taney Co., T22N R21W S14. ca. 0.8 Km
E. of Hollister. Lat. 36° 34' Long. 93°16'.
Along Hwy BB.
816. Callirhoe digitata Nutt. Limestone Glade

June 21, 1981. MO: Taney Co. ~~[illegible]~~. T22N
R21W S23. Lat. 36°34' Long. 93°16'
ca. 2.4 SE of Hollister. Wooded Roadside.
817. Callirhoe Papaver var. bushii (Fern.) Waterfall

July 5, 1981 KS: Sumner Co., ca. 4.0 Km NW of Caldwell
on N. of Hwy. FAS 299. T.34S R3W S29.
Lat. 37°04'. Long. 97°40'
818. Chilopsis linearis (Cav.) Sweet

July 6, 1981. OK: Grant Co.,

819. Liatris punctata Hook.
820. Thelesperma megapotamicum (Spreng.) O. Ktze.
821. Mentzelia decapetala (Pursh.) Urban & Gilg.

May 16, 1981. MO: Barry Co., Glade Area near Pioneer. T25N R29W S30 Lat. 36° 43' Long. 94° 04'. ca. 2.4 Km N. of Hwy 97 off Hwy T. Along Shoal Creek.
822. Marshallia caepitosa Nutt. ex DC

June 7, 1981. MO: Polk Co., La Petite Gemme Prairie near Bolivar, R23W, T33N, S25, NW 1/4. Lat. 37° 36' Long. 93° 22' ca. 2.4 Km West of Hwy 13.
823. Asclepias purpurascens L.
824. Asclepias incarnata L.
824. Ratibida columnifera (Nutt.) Woot. & Standl.
825. Lilium michiganense Farw.
826. Asclepias tuberosa var. interior (Woodson) Shinners
827. Penstemon arkansanus Pennell
828. Allium mutabile Michx.
829. Polygala senega var. latifolia T. & G.
830. Dianthus armeria L.
831. Petalostemom purpureum (Vent.) Rydb.
831a. Satureja arkansana (Nutt.) Briq.

June 8, 1981. MO: Barry Co., Roaring River State Park.

832. Delphinum treleasei Bush.

June 10, 1981. MO: Polk Co., La Petite Gemme Prairie.
ca. 2.4 Km West of Hwy. 13. R23W T33N S25
Lat. 37° 36' Long. 93° 22'.
833. Tripsacum dactyloides L.
834. Oenothera macrocarpa Nutt.
835. Asclepias viridis Walt.
836. Penstemon tubaeflorus Nutt.
837.

June 11, 1981 MO: Christian Co., Near Garrison. ca. 3.2 Km SE of along Hwy 125. T25N R19W S25 S1/2.
Lat. 36° 54' Long. 92° 57'.
838. Penstemon cobaea var. purpureus Pennell

June 11, 1981. MO: Barry Co. Along Hwy 86 ca. 3.2 Km South of Hwy. 76. T22N R27W S.12
Lat. 36° 35'N Long. 93° 57'.
839. Castanea ozarkensis Ashe

June 13, 1981 MO: Polk Co., La Petite Gemme Prairie
ca. 2.4 Km W. of Hwy 13. R23W T33N S25
Lat. 37° 36' Long 92° 57'
840. Camassia angustata (Engelm. & Gray) Blankenship
841. Lobelia spicata var. hirtella Gray

842. Schrankia uncinata Willd.
843. Ruellia humilis var. longiflora (Gray) Fern.

May 7, 1982. AR: Washington Co., Devil's Den State Park.
Ca. 9.6 km W. of Hwy 71 off Hwys. 170/74. T13N R31W S24.
Lat. 35°42' Long. 94°15'
844. Amblystegium varium (Hedw.) Lindb.
845. Homomallium adnatum (Hedw.) Broth.
846. Mnium affine var. rugicum (Laur.) B.S.G.
847. Thelia asprella Sull.
848. Amblystegium trichopodium (Schultz) Hartm.
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May 19, 1982 AR: Washington Co., Devil's Den State Park
Ca. 9.6 km W. of Hwy 71 off Hwys. 170/74.
T13N R31W S24 Lat. 35°42' Long. 94°15'.
860. Anomodon rostratus (Hedw.) Schimp.

861. Leucobryum glaucum (Hedw.) Angstr. ex Fries.
862. Ditrichum pallidum (Hedw.) Hampe.

May 25, 1982. AR: Stone Co., Along hiway 5 ~ 5 miles south of Izard Co. line. Sandstone glade adjacent to hiway 5. T16N R11W S4 Lat. 36°4' Long. 92°07'.

863. Opuntia compressa (Salisb.) Macbr.
864. Satureja arkansana (Nutt.) Briq.
865. Erigeron strigosus
866. Coreopsis grandiflora var. saxicola (Alex.) E.B. Smith
867. Talinium calycinum Engelm.
868. Arenaria patula Michx.
869. Triodanis perfoliata (L.) Nieuwl.
870. Delphinium carolinianum Walt.
871. Vaccinium atboreum Marsh.
872. Dianthus armeria L.
873. Achellia millefolium L.
874. Phlox pilosa var. ozarkana Wherry
875. Phlox pilosa L.

May 25, 1982. AR: Boone Co., ca. 4.8 km NW of Lead Hill on limestone off Hwy 14. T20N R18W S36 Lat. 36°25'30" Long. 92°57'

876. Penstemon cobaea var. purpureus Pennell.

May 25, 1982 AR: Stone Co., Limestone roadcut along hiway 5 ~16 KM north of Mt. View, AR. T16N R11W S26 Lat. 36°59' Long 92°06'.

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May 31, 1982. KS: Sumner Co., ~ 3 miles southwest of Caldwell. T35S R3W S17 Lat. 37°00' Long. 97°39'

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June 1, 1982. OK: Grant Co., ~ 4.5 miles southwest of caldwell, KS. Pasture.

894. Delphinium virescens Nutt.
895. Gaillardia suavis (Gray & Engelm.) Britt. & Rusby
896. Phyla cuneifolia (Torr.) Greene
897. Thelesperma megapotamicum (Spreng.) Kuntze
898. Callirhoe alcaeoides (Michx.) Gray
899. Psoralea tenuiflora Pursh
900. Asclepias viridis walt.
901. Hymenopappus scabiosaeus var. corymbosus (T.&G.) B.L. Turner
902. Penstemon cobaea Nutt.
903. Tradescantia occidentalis (Britt.) Snyth.
904. Callirhoe involucrata (T.&G.) Gray.

June 1, 1982. KS: Sumner Co., ~ 4 miles southwest of Caldwell, along roadside. T 35S R 3W S17 S1/2 Lat. 37°00' Long. 97°39'
907. Cornus drummond: Meyer
908. Penstemon cobaea Nutt.

June 2, 1982: OK. Bluff overlooking Arkansas River. Orerlook west of Tulsa off hiway

910. Echinacea pallida (Nutt.) Nutt.

ca. 8.0 km S. of Calico Rock

June 3, 1982 AR: Stone Co., Along hiway 5, limestone bluff atop roadcut. T17N R11W S03 Lat. 36° 03' Long. 92° 07'.

911. Rhynchosia latifolia Nutt.
912. Scutellaria ovata Hill
913. Echinacea purpurea (L.) Moench.

June 4, 1982. AR: Stone Co., Along hiway 5. Sandstone Glade. Ca. 0.8 km south of Calico Rock. T17N R11W S16 Lat. 36° 07' Long. 92° 08'.

914. Satureja arkansana (Nutt.) Brig
915. Specularia perfoliata (L.) A. DC.
916. Gnaphalium purpureum L.
917 Hypericum drummondii (Grev. & Hook) T. & G.
918. Oenothera linifolia Nutt.
919. Commelina communis L.
920. Euphorbia corollata L.
921. Asclepias hirtella (Pennell) Woodson
922. Sedum pulchellum Michx.
923. Sedum nuttallianum Raf.
924. Asclepias variegata L.
925. Erigeron strigosus Muhl.
926. Allium canadense var. mobilense (Regel) M. Ownbey
927. Opuntia macrorhiza Engelm.

June 4, 1982. AR: Izard Co., Campground at Calico Rock.

928. Spermolepis inermis (Nutt.) Math. & Const.

June 4, 1982. AR: Izard Co., Along hiway 5, 0.8 km north of Calico Rock. T17N R11W S15. Lat. 36° 02' Long. 92° 09'.
929. Heuchera parviflora Bartl.
930. Hedeoma hispida Pursh.

June 4, 1982 AR: Stone Co., Along hiway 5 ca 4.0 KM south of Calico Rock on Sandstone Glade. T17N R11W S21 Lat. 92° 08' Long. 92° 09'

931. Coreopsis lanceolata var. villosa Michx.
932. Hypericum punctatum var. pseudomaculatum (Bush) Fern.

June 4, 1982. AR: Izard Co., Sandstone glade along hiway 5 ca. 2.5 mile east of Calico Rock. T17N R11W S9 Lat. 36° 09' Long. 92° 10'.

933. Commeling communis L.

June 9, 1984. AR: Washington Co., Devil's Den State Park. ca. 9.6 km W. of Hwy 71 and just S. of Hwys. 170/74. T13N R31W S24 Lat. 35° 42' Long 94° 15'

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936. Valerinella stenocarpa (Engelm.) Krok.
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June 11, 1982. AR: Izard Co., Sandstone glade ~ 2 mile east of calico Rock off Hwy. 5. T17N R11W S9 Lat. 36°09' Long. 92°10'.

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June 11, 1982. AR: Izard Co., Sandstone Glade along hiway 56. T17N R11W S14 Lat. 36°08' Long. 92°08'.

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June 11, 1982. AR: Izard Co., Campground at Calico Rock. Atop Bluff overlooking white river. T17N R11W S22 Lat. 36°07' Long. 92°09'.

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June 12, 1982 AR: Izard Co., Calico Rock at City Park. Wet area adjacent to park. T17N R11W S23 Lat. 36°.07' Long. 92° 09'.

953. Alisma plantago-aquatica L.

June 12, 1982. AR: Madison Co., Along roadside of hiway 12. ca. 2.4 Km E. of jct. 12 & 45. T18N R27W S12 Lat. 36° 14' Long. 93° 51'.

954. Aruncus dioicus var. pubescens (Rydb.) Fern.

June 22, 1982. AR: Benton Co., Prairie. ca. 2.56 Km N. of jct. 68 & 59 off Hwy 59 (West side). T18N R33W S27. Lat. 36° 13' Long. 94°29'

955. Lobelia spicata var. hirtella Gray
956. Ranunculus laxicaulis (T.&G.) Darby
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958. Aletris farinosa L.
959. Physostegia angustifolia Fernald
960. Asclepias verticillata L.
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June 24, 1982. KS: Comanche Co., Prairie

971. Monarda punctata L.
972. Asclepias tuberosa L.
973. Castilleja purpurea var. citrina (Penn.) Shinners.
974. Polygala alba Nutt.
975. Calylophus serrulatus (Nutt.) Raven
976.
977. Rudbeckia hirta L.

July 7, 1982. OK'.

978. Sabatia campestris Nutt.
979. Rudbeckia amplexicaulis Vahl.
980. Asclepias verticillata L.

July 7, 1982 OK: just east of Tulsa along roadside

981.

July 10, 1982. AR: Stone Co., Sandstone outcrop south of Calico Rock ~ 4.0 Km - off Hwy 5.
T17N R11W S21 Lat. 92°08' Long. 92°09'

982. Venturiella sineusis (vent.) C.M. var. angusta-annulata. At edge of glade; on post oak.

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July 10, 1982 AR: Stone Co., Sandstone Outcrop and nearby woods. R11W, T16N, S3. ca. 8.0 km S. of Calico Rock. Lat. 36° 03' Long. 92° 07'.

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July 10, 1982. AR: Izard Co., Calico Rock; R11W, T.17N, S22, NE1/4. Lat. 36° 08' Long. 92° 09'.

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July 10, 1982 AR: Izard Co., R11W, T17N, S8, NW1/4 ca. 4.00 KM NW of Calico Rock.
Lat. 36°09' Long. 92°11'.

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July 14, 1982 AR: Izard Co., At Calico Rock, R11W, T17N, S22, NE1/4 Lat. 36°04' Long. 92°08'.

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July 14, 1982 AR: Stone Co., ~5.6 km south of Calico Rock along hiway 5, R12W, T11N, S28, SW1/4. T17N R11W 36°05' (Lat.) Long. 92°09'.

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July 14, 1982 AR: Stone Co., ~3.5 km south of Calico Rock off hiway 5, R11W, T17N, S21, SW1/4; Sandstone Outcrop. Lat. 36°06' Long. 92°09'.

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June 4, 1982 AR: Izard Co., ~0.8 KM northwest of Calico Rock along hiway 5. R11W, T17N, S15, SE 1/4. Lat 36°05' Long. 92°09'.

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June 3, 1982 AR: Stone Co; Limestone roadcut ~17.6 KM north of Mt. View along hiway 5. R11W, T16N, S14, SE 1/4. Lat. 36°02' Long. 92°07'.

1084

June 4, 1982. AR: Izard Co., ~ 0.4 km northwest of Calico Rock along hiway 5 in a ravine; R11W, T17N, S15, SE1/4. Lat. 36° 08' Long. 92° 08'

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June 5, 1982. AR: Madison Co., Along hiway 45 ~ 3.2 km South of hiway 12. R27W, T18N, S21, SE1/4. Lat. 36° 13' Long. 93° 52' 30".

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June 5, 1982. AR: Izard Co., Park in Calico Rock. R11W, T17N, S23, NW1/4. Lat. 36° 07' Long. 92° 09'

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June 5, 1982. AR: Carrol Co., On Edge of stone wall, R27, T20N, S15, ca. 4.0 km SW of Hwy 62 off Hwy. 187.
Lat. 36° 24' Long. 93° 50'.

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July 18, 1982. AR. Stone Co., Limestone roadcut along hiway 5 ~ 17.6 KM north of Mt. View. R11W, T16N, S14, SE 1/4. Lat. 36° 02' Long. 92° 07'.

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June 4, 1982 AR: Izard Co., ~ 0.4 KM northwest of Calico Rock along hiway 5, in ravine, R11W, T17N, S15, SE 1/4. Lat. 36° 08' Long. 92° 08'.

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June 9, 1982 AR: Washington Co., Devil's Den State Park. R31W, T13N, S24. ca. 9.6 km W. of Hwy 71 and just S. of Hwys. 170/74. Lat. 35° 42' Long. 94° 15'.

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July 12, 1982. AR: Newton Co., ~ 2 mile off hiway 7 in forest service campground. S12, NW1/2

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July 12, 1982. AR: Izard Co., along hiway 9 ± 1.2 KM east of Sylamore. T15N, R10W, S20, NW1/4. Lat. 35° 57' Long. 92° 06'.

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July 19, 1982. AR: Stone Co., Bluffs near Blanchard Springs ~ 2.5 mile off hiway 14 on forest Service Road. R11W, T15N, S5, NE1/4. On Sandstone Lat. 35° 58' Long. 92° 10'.

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July 19, 1982 AR: Sharp Co., Along North Creek near Ballard., R6W, T18N, S8, SE1/4 ca. 4.0 Km W. of Hwy. 62 Lat. 36° 14' Long. 91° 39' 50".

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July 20, 1982. AR: Washington Co., Forest Road near Lake Weddington off hiway 16 ~ 10 mile west of Fayetteville. R32W, T16N, S3 Lat. 36° 06' Long. 94° 23'.

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1426 Hypnum curvifolium Hedw.; on moist soil near Lake Weddington.
1427 Orthotrichum pusillum Mitt.; on bark of elm.
1488 Bryum argenteum Hedw.; on rocky soil.
1429 Bryum argentaum Hedw.; on rocky soil.
1430 Bryoandersonia illecebra (Hedw.) Robins. on soil in woods
1431 Mnium cuspidatum Hedw.; on soil at base of tree.

July 29, 1982. AR: Washington Co. Devil's Den State Park.
ca. 9.6 km W. of Hwy. 71 and just S. of Hwys. 170/74.
T13N R31W S24 Lat. 35° 42' Long. 94° 15'.

1432 Atrichum angustatum (Brid.) BSG.; on soil along trail.
1433 Weissia controversa Hedw.; on rock
1434 Sematophyllum adnatum (Mx.) E.G. Brith.; on bark of log.
1435 Polytrichum commune Hedw. var. perigoniale (Mx.) Hampe; open woods.
1436 Dicranum montanum Hedw.; on soil at base of tree.
1437 Lophocolea heterophylla (Schrad.) Dum mixed w/ Amblystegium tenax on moist soil.
1438 Dicranum montanum Hedw., on soil at base of tree.
1439 Thelia asprella Sull.; on oak at base.
1440 Leucobryum albidum (Brid.) Lindb.; on soil at base of tree.
1441 Clasmatodon parvulus (Hampe) Hook. & Wils. ex Sull.; on rock
1442 Weissia controversa Hedw. mixed w/ Clasmatodon parvulus (Hampe) Hook & Wils. ex Sull
1443. Lophocolea heterophylla (Schrad.) Dum.; on rock.
1443a. Ceratodon purpureus (Hedw.) Brid.; on disturbed soil on east side of dam.
Check State!
August 1, 1982. MN: Marion Co., Just off hiway 52.

1444 Mnium affine Bland. ex Funck, sensu lata
1445 Brachythecium acuminatum (Hedw.) Aust.; on soil.
1446 Anomodon minor (Hedw.) Fürnr.; on bark at base of tree.
1447 Anomodon minor (Hedw.) Fürnr.; on bark ~ breast height.
1448 Entodon seductrix (Hedw.) C.M.; at base of tree.

August 1, 1982. MI. Near 3 Oaks off Warren Woods Rd.

1449 - Campylium chrysophyllum (Brid.) J. Lange.; bark at base of tree.
1450 - Platygyrium repens (Brid.) BSG; on rotten log.
1451 Weissia controversa Hedw. on soil over decaying log.
1452 Mnium cuspidatum Hedw.; on decayed log.
1453 Mnium cuspidatum Hedw., on decayed log.
1454 Isopterygium pulchellum (Hedw.) Jaeg. & Sauerb.; on decayed log.
1455 Lophocolea heterophylla (Schrad.) Dum.; on decaying log.
1456 Lophocolea heterophylla (Schrad.) Dum.; on decaying log
1457 Cephalozia catenulata (Hüb) Lindb.; on decaying log.
1458 Dicranella varia (Hedw.) Schimp.; on soil of ditch
1459 Polytrichum piliferum Hedw.; on sandy soil at edge of pine woods.
1460 Dicranella varia (Hedw.) Schimp.; on soil of ditch
1460a. Dicranum fuscescens Turn.; on rotten log in Pine forest.

August 6, 1982. MN: Gooseberry Falls, Along trail west of falls.

1461. Polytrichum formosum Hedw.; on moist soil of coniferous woods.
1462 Ptilidium pulcherrimum (G. Web.) Hampe.; on decaying wood.
1463 Brachythecium oxycladon (Brid.) Jaeg. & Sauerb.; on decaying log.
1464 Bryum capillare Hedw.; on soil along trail.
1465 Grimmia alpicola Hedw.,; on exposed calcareous rock
1466 Hypnum curvifolium Hedw., on soil of stream bank.
1467 Leucobryum albidum (Brid.) Lindb.; on decaying log.

1468 Brachythecium oxycladon (Brid.) Jaeg. & Sauerb; on soil.
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August 8, 1982. MO: Monroe Co; West of Paris at roadside park off hiway 24.

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1480. Atrichum angustatum (Brid.) BSG.; on exposed soil.

September 23, 1982. AR: White Rock Mountain.

1481 Platygyrium repens (Brid.) BSG; on log.
1482 Fissidens pusillus (Wils.) Milde; on rock.
1483 Amblystegium varium (Hedw.) Lindb.; on bark.
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September 23, 1982. AR: Franklin Co.; North of Cass ~ .4.0 Km off hiway 23. T12N R26W S7 Lat. 35°42'30" Long. 93°47'50".

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September 23, 1982. AR. Franklin Co., White Rock Mountain Rec. Area.
ca. 6.4 Km N of Hwy 215 and 9.0 km W. of Hwy 23.
T12N R28W S28 Lat. 35° 42' Long. 93° 58'.

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October 25, 1982 AR: Franklin Co., White Rock Mountain Rec Area.
ca. 6.4 km N. Hwy 215 and 9.0 km W. of Hwy 23.
T12N R28W S28 Lat. 35°42' Long. 93°58'.

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January 1, 1983. AR: Washington Co., Devil's Den State Park. ca. 9.6 km W. of Hwy 71 and just S. of Hwys. 170/74. Lat. 35° 42" Long. 94° 15".

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January 3, 1983 AR: Washington Co., University of Arkansas Campus, Fayetteville. T16N R30W S9. Lat. 36°04' Long. 94°10'

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1699.

March 6, 1983 AR: Newton Co., Alum Cove Natural Area.

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1701

January 13, 1983. AR: Washington Co., Devil's Den State Park. ca. 9.6 KM W. of 71 Hwy. and just S. of Hwys. 170/74. Lat. 35°42' Long. 94°15'.

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August 8, 1982. MI.

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August 9, 1982 MI:

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August 9, 1982 MI

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August 13, 1982. MN:

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March 18, 1983 AR: Polk Co., Buckeye Mountain. Along forest Road 375 Ca. 5.6 KM S. of Dallas. T3S R30W S11. Lat. 34° 30' Long. 94° 10'.

1728.

March 18, 1983 AR: Polk Co., Caney Creek

1729.
1730. Viola
1731. Antennaria
1732. Houstonia
1733. Viola

1734.
1735. Claytonia
1736.
1737. Viola
1738. Senecio
1739. Nothoscordum
1740. Corydalis
1741. Viola
1742.
1743.
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1745.
1746. Tradescantia
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March 18, 1984 AR: AMontgomery Co., Albert Pike Campground.
Ca. 11.2Km S. of Hwy 8. T4S R27W S28.
Lat. 34° 22' Long. 93° 53'.

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March 18, 1983 AR: Montgomery Co., River Bluff Area. ca. 1.6 KM S. of Hwy 88. T1S R25W S24. Lat. 34° 38' Long. 93° 36'.

1760
1761. Houstonia
1762. Viola
1763 Antennaria
1764. Viola pedata
1765. Viola pedata
1766.
1767. Erythronium
1768. Viola

March 18, 1983. AR: Scott Co. Along Mill Creek at Y-City. along Hwy. 270. T1T R29W S22 Lat. 34°45' Long. 94°04'

1769. Hamamelis

March 18, 1983. AR: Sebastian Co., In ravine along Cherokee creek just off hiway 71. T5N R31W S30 Lat. 35° 04' Long. 94°16'.

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March 18, 1983. AR: Polk Co., Caney Creek.

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March 18, 1983. AR: Montgomery Co. Albert Pike Area.
ca. 11.2 KM S. Hwy 8. T4S R27W S28.
Lat. 34°22' Long. 93°53'.

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March 18, 1983 AR: Montgomery Co., on rock along Polk Creek ~ 6.4 KM west of Norman on forest road 177. T4S R26W S2 Lat. 34° 25' 55" Long. 93° 45'

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March 18, 1983 AR: Montgomery Co., River Bluff. ca. 1.6 km S. of Hwy 88. T1S R25W S24 Lat. 34° 38' Long. 93° 36'.

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March 18, 1983. AR: Montgomery Co., along forest road 68.

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March 18, 1983. AR: Scott Co., Along forest road 20 ~ 1.5 mile east of hiway 71.

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March 18, 1983. AR: Polk Co., Caney Creek.

1885
1886

April 2, 1983. AR: Montgomery Co., Woods creek ≈ 7.2 KM south of River Bluff campground and 0.6 km N of Hwy 27; ca. 1.6 km W. of Sweethome. T2S R24W S8 Lat. 34°35' Long 93°35'

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April 2, 1983. AR: Yell Co., Along hiway 314 ≈ 1.2 KM west of Steve. T2N R22W S35. Lat. 34°52' Long. 93°19'.

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April 2, 1983. AR: Faulkner Co., Restored prairie at the Jewel E. Moore Nature Preserve, University of Arkansas, Conway. T5N R13W S12
Lat. 35°05'N Long. 92°26'W

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April 2, 1983. AR: Montgomery Co., Woods Creek ca 7.2 km south of River Bluff campground and 0.6km N of Hwy 27; ca. 1.6 km W. of Sweethome.
T2S R24W S8. Lat. 34°35' Long. 93°35'

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April 4, 1983 AR: Montgomery Co., Along forest road 177.

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April 19, 1983 AR: Montgomery Co., Ditch along hiway 8 near Caddo river. ca. 9.6 KM W. of Black Springs. T3S R26W S30 Lat. 34° 27' Long. 93° 48'

1961
1962
1963
1964
1965

1966.

April 19, 1983 AR: Garland Co., Jewel E. Moore Nature Area on University of Central Arkansas campus. T5N R13W S12 Lat. 35°05' Long. 92°26' W.

1967
1968
1969
1970
1971

April 19, 1983 AR: Garland Co., Along hiway 270. ca. 1.6 KM E. of Crystal Springs. T3S R22W S36. Lat. 34°31'N Long. 93°18'W.

1972
1973
1974

April 22, 1983 AR: Along forest road 106.

1975
1976

April 22, 1983 AR: Polk Co., Near Wilderness Trail.

1977
1978

April 22, 1983 AR Along forest road 106.

1979
1980
1981
1982
1983

April 22, 1983. AR: Montgomery Co., Albert Pike Campground.
ca. 11.2 km S. Hwy 8. T4S R27W S28.
Lat. 34° 22'N Long. 93° 53' W.

1984
1985
1986
1987
1988
1989

April 22, 1983. AR: Scott Co., Along hiway 270 ~ 11.2 KM east of Y-city. T1N R28W S22 Lat. 34° 44' Long. 93° 58'.

1998

April 22, 1983 AR: Montgomery Co., Along hiway 270.
Ca. 12.8 KM E. of 9 City. T1S R28W S26
Lat. 34°43'N Long. 93°57'W.

1999
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2006

April 22, 1983 AR: Montgomery Co., Crystal Springs Campground.
Ca. 3.2 KM NE of Norman. T3S R25W S14.
Lat. 34°27'N Long. 93°37'W.

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April 23, 1983. AR: Howard Co., Along Saline river near junction of forest road "38" & hiway 246 ca. 3.2 KM NW of Athens. T5S R28W S8. Lat. 34° 19' N Long. 94° 00' 45" W.

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April 23, 1983. AR: Polk Co., Old Pioneer Cemetary just w. of Queen Welhimena State Park. T1S R32W S10 Lat. 34° 42' N Long. 94° 29' W.

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April 23, 1983 AR: Montgomery Co., Albert Pike Campground. Ca. 11.2 KM S. Hwy 8. T4S R27W S28 Lat. 34° 22' N Long. 95° 53' W.

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April 23, 1983 AR: Polk Co., Along Wilderness Trail at Bard Springs Rec. Area. T4S R 28W S 20 Lat. 34° 23' N Long. 94° 00' 30" W.

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April 23, 1983 AR: Polk Co., Shady Lake Campground. T4S R28W S32 Lat. 34° 21' N Long. 94° 01' W.

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April 23, 1983. AR: Montgomery Co., Limestone glade 1.6 Km. east of River Bluff Campground along Ouachita River. T1S R24W S19. Lat. 34° 38' N 93° 36' W.

2056
2057

April 23, 1983. AR: Scott Co., Near Y-City. ca. 1.6 Km E of of Y-City along Hwy. 270 at Sleep Hollow Creek. T1N R29S. S.22. Lat. 34°34'50" N. Long. 94° 04' 50".

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April 23, 1983. Along forest road 106, near stream.

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2061
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May 6, 1983 AR: Madison Co., Jedder Springs

2064. Euphorbia

May 6, 1983. AR: Pope Co.,

2065. Dodecatheon

May 6, 1983 AR: Newton Co., Steel Creek Campground.

2066. Arundinaria
2067. Lonicera
2068. Tradescantia

May 7, 1983. AR: Newton Co., Terripin Branch.

2069.
2070. Pedicularis
2071. Amsonia

May 9, 1983 AR: Scott Co., Mill Creek Campground. Ca. 7.2 KM E. of T-City off Hwy 270. T1S R28W S20. Lat. 34°44'30" Long. 94°00'

2072 Vicia
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2080

May 9, 1983. AR: Scott Co., Pond and surrounding area, ca. 8.8 km E of Pleasant Valley. T3N R27W S18. Lat. 34°34'55" Long. 93°54'50".

2081. Nuphar
2082 Philonotis fontana var. caespitosa (Jur.) Schimp.; on wet soil
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2100
2101
2102
2103 Tradescantia

Z104. Penstemon
Z105.
Z106.
Z107. Ranunculus
Z108. Sisyrinchium
Z109
Z110
Z111
Z112
Z113. Oenothera
Z114
Z115
Z116
Z117

May 9, 1983. AR: Washington Co., Roadside along business 71. of south Fayetteville. T16N R30W S28. Lat. 36°03' Long. 94°10".

Z118
Z119
Z120.

May 9, 1983. AR: Montgomery Co., along hiway Z70 ~ 4.8 km north of Mount Ida. T2S R25W S3 Lat. 34°36'N Long. 93°39'30".

Z121
Z122. Oenothera
Z123. Coreopsis

2124. Amsonia
2125. Phacilia
2126. Krigia
2127.
2128.
2129. Delphinium
2130 Prunella
2131.
2132. Minuartia
2133. Penstemon
2134. Phacilia
2135. Salix
2136
2137
2138 Euphorbia
2139.

May 9, 1983. AR: Montgomery Co., Along hiway 27 ~ 8.0 Km northeast of Mount Ida. T2S R24W S4 Lat. 34° 35' 30" Long. 93° 34'.

2140
2141 Geranium
2142
2143
2144
2145 Potentilla
2146
2147

May 9, 1983 AR: Montgomery Co., Along road to Hickory Nut Mountain.

2148
2149
2150 *Tradescantia*
2151 *Prunus*
2152 *Geranium*

May 10, 1983 AR: Garland Co., Charlton Campground (Rec. Area) off Hwy 270 ca. 4.0 km W. of Crystal Springs. T2S R22W S32 Lat. 34°31'10" Long. 93° 24° W

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May 10, 1983. AR: Hot Spring Co., Near Cove Creek ca. 3.2 km W. of Magnet Cove. T3S R17W S19. Lat. 34° 27' 30" N Long. 92°52"30" W.

2159
2160 *Ranunculus*
2161
2162
2163
2164

2165
2166
2167
2168 *Salix*
2169 *Cornus*
2170
2171
2172

May 10, 1983 AR: Garland Co., Gulpha Creek, Hot Springs National Park. T3S R19W Lat. 34° 30' N Long. 93° 00' 30" W

2173
2174
2175
2176 *Sisyrinchium*
2177 *Silene*
2178
2179 *Dodecatheon*
2180 *Krigia*
2181 *Tradescantia*
2182 *Carya*
2183
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May 10, 1983 AR: Polk Co.

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2190

May 11, 1983 AR: Polk Co., Grandview Vista along Hwy 88 just w. of Queen Wilhelmina State Park. T1S R32W S9 Lat. 34° 42' Long. 94° 24'.

2191
2192
2193 Viburnum
2194. Lonicera
2195. Camassia
2196. Baptisia
2197.
2198
2199

May 11, 1983 AR: Polk Co., Old Pioneer Cemetary just west of Queen Wilhelmina State Park. T1S R32W S10 Lat. 34° 42' N Long. 94° 29' W

2200 Trillium
2201 Polinium
2202
2203
2204

2205 Tradescantia
2206
2207
2208
2209 Ranunculus
2210 osmorhiza
2211 Stachys
2212
2213 Amsonia
2214 Silene
2215
2216
2217.

May 11, 1980 AR: Polk County; Near Nunley along hiway 8. at Carter Geek. T2S R29W S26. Lat. 34° 33' N Long. 94° 09' 30".

2218
2219
2220 Potentilla
2221 Iris virginica

May 11, 1983 AR: Montgomery Co., Along forest road 177 "Boggy Area"

2222
2223
2224

2225 Magnolia
2226
2227
2228
2229
2230 Krigia
2231
2232
2233
2234 Tradescantia
2235
2236 Amsonia
2236
2237
2238
2239
2240
2241
2242
2243
2244
2245
2246 Sisyrinchium
2247
2248
2249
2250 Monarda
2251 Geranium

2252 Tradescantia
2253

May 11, 1983 AR: Sebastian Co., Prairie; 2.4 KM south of junction 71 and I540 on W. side of 71 hiway. T7N R32W S14 Lat. 35° 18' N Long. 94° 24' W.

2254 Sisyrinchium
2255
2256 Castilleja
2259 Krigia
2260 Tradescantia
2261 Psorsola
2262 Dodecatheon
2263 Phacilia
2264 Delphinium
2265 Asclepias
2266
2267 Hypoxis
2268 Parthenium
2269 Allium
2270 Oenothera
2271
2272 Panicum
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2279

May 13, 1983 AR: Howard Co., Along hiway 4 ≈ 8.0 KM east of Wicks and east of hiways junction and 2.4 KM W. of Dockett. T5S R30W S31. Lat. 94°17'
Long. 94° 14' 40".

2280.

May 13, 1983 AR: Polk Co., ≈ 6.5 M off hiway 71 in woods; ≈ 6.4 KM south of hiway junctions 71, 246.
T5S R32W S12 Lat. 34° 20' 30"
Long. 94° 20' 30".

2281

May 13, 1983 AR; Polk Co., ≈ 4.8 KM north of junction of hiways 88 & 71. In ditch off hiway 71.
T2S R30W S4. Lat. 34° 6' N
Long. 94° 12' W.

2282
2283
2284 Coreopsis
2285
2286 Sisyrhincum
2287.

May 13, 1983 AR: Polk Co., Roadside along hiway 71 ≈ 5.0 K north east of Acron (junction 270 + 71). T1S R30W S13
Lat. 34° 41' N Long. 94° 09' W.

2288 Allium
2289 Oenothera
2290
2291 Chrysanthemum
2292
2293
2294
2295
2296
2297

May 13, 1983 AR: Scott Co., ~ 3.2 km south of junction 71 & 270 (Y-city); along roadside of 71 hiway. T2S R29W S20 Lat. 34° 43' Long. 94° 5' 30".

2298

May 14, 1983 OK: Leflore Co., Pine Mountain Vista along Talimena Drive.

2299
2300
2301 Viola
2302
2303
2304 Allium
2305 Tradescantia
2306

May 14, 1983 AR: Polk Co., Rich Mountain at Rich Mountain Firetower ca. 2.4 KM SE of Queen Wilhelmina State Park. T1S R31W S17 Lat. 34° 41' N Long. 94° 19' W

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May 14, 1983 AR: Polk Co., Along roadside off Talimena Scenic Drive. T1SR31W S7 Lat. 34° 41' 30" Long. 94° 20' 30". ca. 1.6 Km SE of Jct. 88 & 272.

2326
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2329.

May 14, 1983 OK: Leflore Co., Pipe Springs Picnic Area.

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May 14, 1983 OK: Leflore Co., ~3 mile north of page off hiway 59 & 270.

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May 14, 1983 OK: Leflore Co., Along hiway 270 between Heavener and Wister.

2357
2358
2359 Rhus
2360
2361
2362.

May 14, 1983. OK: Leflore Co., ~ 2mile south of junction hiways 15 & 271.

263
264 Parthenium
265 Heuchera

May 14, 1983 OK: Leflore Co., along hiway 271 ~ 1 mile North of Talihena.

2366 Castilleja
2367

May 14, 1983 OK: Leflore Co., Along hiway 144 ~ 1 mile south of 271.

2368
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2371
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2373
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2376 Coreopsis
2377 Camassia

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2381
2382
2383
2384

May 14, 1983. OK: Leflore Co., Pipe Springs Picnic Area.

2385 Monarda
2386

May 15, 1983 AR: Polk Co., "Glade-Like" area ~ 1.9 Km northeast of junction hiways 8 & 514 and ~ 4.0 Km E of Leflore County, OK and Polk County, Ark. Line. T1S R32W S28 Lat. 34° 38' Long. 94° 24'

2387 Penstemon
2388 Asclepias
2389
2390 Amorpha
2391
2392
2393 Delphinium
2394
2395
2396 Castilleja
2397
2398
2399 Allium
2400
2401 Baptisia
2402

May 15, 1983 OK: Leflore; Cedar Lake Campground.

2403
2404
2405 Cercis
2406
2407 Amorpha
2408 Pinus
2409 Acer
2410 Cornus
2411 Quercus
2412 Quercus
2413 Quercus
2414
2415
2416
2417
2418
2419 Smilax
2420
2421
2422
2423
2424
2425
2426 Morus
2427
2428 Viburnum

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2430
2431
2432
2433

May 17, 1983 AR: Benton Co., Floodplain of small creek ca. 1.6 km W. of Hwy 71 and ca. 5.6 km S. of 340. T21N R31W S11 Lat. 36° 27'N Long. 94° 15'.

2434 Cypripedium candidum Muhl. ex Willd. — New State Record

2435
2436

May 17, 1983 AR: Washington Co., ca 1.6 km north on h.way 112 of jct. 71 & 112. Small spring along roadside. T17N R30W S19 Lat. 36° 08' N Long. 94° 11'.

2437. Iris

May 21, 1983 KS: Flint Hills Prairie.

2438
2439

May 21, 1983 KS: Sumner Co., ca. 4.0 Km Southwest of Caldwell on W. of FAS 788. T35S R3W S8 N½. Lat. 37° 01' Long. 97° 39'.

2440
2441

2442 Oenothera

2443 Tragopogon

2444 Tragopogon

2445 Baptisia

2446.

2447. Tradescantia

2448.

2449.

2450.

2451.

2452.

2453. Allium

2454 Castilleja

May 22, 1983 KS: Sumner Co., ca. 11.2 Km W. of Caldwell on N. side of FAS 299. T34S R4WS27 S1/2.
Lat. 37°04' Long 97°04'

2455

May 22, 1983 AR: Benton Co., Stump Prairie ca. 5.7 Km N. of Jct. 68 * 59 on E. side of 59. T18N R33W S27.
Lat. 36°13' N Long. 94°29' W

2456. Corydalis

May 28, 1983 AR: Montgomery Co.,

2458 Allium

2459 Tradescantia

2460. Oenothera
2461.

May 29, 1983. AR: Polk Co.,

2462.
2463. Oenothera
2469
2465.

May 29, 1983 OK: Leflore Co.,

2466.

May 29, 1983 AR: Garland Co., Charolton Campground (Rec. Area) off Hwy. 270 ca. 4.0 KM W. of Crystal Springs. T2S R22W S32 Lat. 34°31'10" N Long. 93° 24' W.

2467. Scutellaria
2468. Spilegia
2469
2470 Panicum
2471 Houstonia
2472
2473
2474. Allium
2475
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2477.
2478.
2479.
2480.
2481.
2482. Oenothera
2483. Silene
2484
2485
2486 Acer
2487.
2488
2489
2490
2491 Lobelia
2492
2493 Asclepias
2494
2495 Rosa
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2506
2507
2508
2509
2510 Prunella
2511
2512
2513

May 29, 1983 AR: Polk Co., Talimena Drive., ca. 4.8 Km SE of jct. 88 & 272. T1S R32 S16. Lat. 34°40'10" Long. 94°18"00".

2514
2515
2516 Silene
2517 Prunus
2518
2519
2520.

May 29, 1983 AR: Polk Co., Rest stop before Mena on hiway 8. T. 2S R30W S20. Lat. 34°33'00" N Long. 94°12'00" W.

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Z538

May 29, 1983 AR: Polk Co., Queen Wilhelmena State Park, Spring Trail. T1S R32W S12. Lat. 34°41'00" N Long. 94°22'10". W

Z539
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Z541
Z542
Z543
Z544

June 4, 1983. AR: Polk Co., ± 2 mile south of Polk & Scott Co. line along hiway 71. T1S R30W S11 Lat. 34°43'00" Long. 94°10'00".

Z545

June 4, 1983. AR: Howard Co., Ca. 17.6 KM E of Hwy jct. 71 & 4 and 9.6 KM W. of Umpire. T5SR30WS25. Lat. 34° 18'00"N Long. 94° 09' 30". W.

2546. Hypericum
2547.
2548. Delphinium
2549.
2550
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2554 Talinum
2555
2556
2557
2558
2559 Monarda
2560 Coreopsis
2561
2562 Allium
2563 Yucca
2564 Echinacea
2565 Heuchera
2566
2567 Oenothera
2568
2569

Inflorescence Branched

June 4, 1983. AR: Polk Co., Along hiway 246 ± 8.0 KM east of hiway 71 at Leflore, OK County Line. T3S R32W S7 Lat. 34° 30' 20" N Long. 94° 27' 05". W

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June 4, 1983 AR: Polk Co., 3 mile north of junction 246 & 71 along hiway 71. T3S R31W S8 Lat. 34° 31' 00" N Long. 94° 20' 30" W.

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June 4, 1983 AR: Polk Co., along hiway 8 ± 2 mile south east of Mountain Fork. T2S R32W S11 Lat. 34° 36' 00" N Long. 94° 22' 30".

2582

June 4, 1983 AR: Polk Co., along hiway 8 in ditch ± 1 mile east of T2S R32W S02 Lat. 34° 37' 00" N Long. 94° 23' 40" W

2583

2584 Penstemon
2585 Ranunculus
2586
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2588
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June 4, 1983 OK: ~ 3 mile west of Arkansas & Oklahoma State line in small creek along hiway 63.

2592.

June 4, 1983. OK: ~ 4 mile west of Arkansas & Oklahoma state line along hiway 63.

2593
2594
2595

June 5, 1983 AR: Polk Co., Lake Mena. at jct Hwy 71 & 88. T2S R30W S15. Lat. 34° 36'00" N Long. 94° 11'00" W

2596
2597 Tradescantia

2598. Delphinium

2599

2600

2601 Coreopsis

2602

2603

2604

2605

2606 Echinacea

June 5, 1983 AR: Polk Co., ~ 1 mile east of Ink along hiway 88 at Irons Fork Creek. T2S R29W S07 Lat. 34° 34' 55" N Long. 94° 06' 30".

2607 Yucca

2608

2609

June 5, 1983 AR: Polk Co., ~ 1.5 mile east of Ink along hiway 88 at Ouachita River. T2S R29W S08 Lat. 34° 35' 00" N Long. 94° 07' 80" W.

2610 Yucca

June 5, 1983. AR: Montgomery Co., ~ 1.5 mile east of Montgomery & Polk Co., line along hiway 88. near Pine Ridge. T2S R27W S08 Lat. 34° 34' 58" N; Long. 93° 54' 30" W

2611

2612 Vitas

2613

2614

June 5, 1983. AR: Polk Co., Roadside park along hiway 8 near Mena
T2S R30W S20 Lat. 34° 33' 00" N
Long. 94° 12' 00" W.

2615
2616
2617
2618 Panicum
2619 Hystrix

June 5, 1983 AR: Polk Co., ~ 3 mile south of hiway 8 along forest service road "38". T2S R30W S26 Lat. 34° 32' 30" N
Long. 94° 10' 30" W.

2620
2621 Asclepias

June 5, 1983 AR: Montgomery Co., ~ 4 mile east of Little Missouri Falls on forest Service road "25". T4S R27W S10
Lat. 34° 24' 00" N Long. 93° 52' 30" W.

2622
2623 Echinacea

June 5, 1983 AR: Montgomery Co., 2.6 mile east of Little Missouri Falls along forest service road "25". T4S R27W S09
Lat. 34° 24' 00" N Long. 93° 54' 00" W.

2624

June 5, 1983 AR: Montgomery Co., at Little Missouri Falls. T4S R27W S06. Lat. 34° 25' 30" N Long. 93° 55' 30" W.

2625 Houstonia

2626

2627 Asclepias

June 5, 1983 AR: Montgomery Co., Pond off hiway 8 ~ 3 mile east of Norman. T4S R25W S01 Lat. 34° 25' 00" N Long. 93° 32' 30" W

2628. Sagittaria

2629. Ranunculus

2630.

June 5, 1983 AR: Montgomery Co., ~ 0.5 mile east of hiway 8 on forest service road 177.

2631

2632

June 5, 1983 AR: Montgomery Co., ~ 1/10 mile west of junction forest service road 177 & forest service road 85.

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June 5, 1983 AR: Montgomery Co., In prairie area ca. 9.6 Km W. of Pencil Bluff along Hwy 270. T1S R27W S01 Lat. 34°41'00" N Long. 93°50'00" W.

2637.

2638 Plantago

2639

2640 Castilleja

2641 Lobelia

2642

2643 Rudbeckia

June 5, 1983. AR: Scott Co., Small pool 4.6 mile east of junction 270 & 71 along north side of 270. Near Mill Creek Rec. Area. T1N R28W S20 Lat. 34°45'00" N Long. 93°59'30" W.

2644.

2645 Penstemon

June 5, 1983 AR: Polk Co., 1 mile south of Polk & Scott Co., line on west side of hiway 71. Near Foran Gap Rec. Area. T1S R30W S10 Lat. 34°40'30" N Long. 94°11'00".

2646 Penstemon

June 11, 1983 AR: Washington Co., 6.0 mile west of Fayetteville in woods on north side of hiway 16. T16N R31W S7 Lat. 36°04'30" N Long. 94°18'50" W.

2647. Zizia aptera (L.) Koch.

June 12, 1983 AR: Benton Co., "Stump Prairie" – 5.7 KM north of junction 68 & 59 on hiway 59; east side of hiway. T18N R33W S27
Lat. 36° 13' N Long. 94° 29' W.

2648 Platanthera lacera

June 12, 1983. AR: Benton Co., "Rice Prairie" .6 mile north of junction 68 & 59 on west side of 59 hiway. T17N R33W S03
Lat. 36° 11' 00" N Long. 94° 29' 00" W.

2649. Platanthera lacera

June 12, 1983 AR: Benton Co., "Stump Prairie" 5.7 KM north of junction 68 & 59 on east side of hiway 59. T18N R33W S27
Lat. 36° 13' N Long. 94° 29' W

2650 Aletris farinosa

2651. Psoralea psoralioides (Walt.) Cory.

2652. Lobelia

June 22, 1983. AR: Benton Co. ca. 2.4 Km E. of Hwy. 71. On rock in Little Sugar Creek. T30W, R20N, Sec. 7. Lat. 36° 24' 00" N Long. 94° 12' 00" W.

2653. Amblystegium tenax (Hedw.) C. Jens.

June 22, 1983 AR: Benton Co., "Stump Prairie" ca. 5.7. Km N. of jct. 68 & 59 on east side of hiway 59. T18N R33W S27.
Lat. 36° 13' 00" N Long. 94° 29' 00" W.

2654

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2656

2657. Amorpha

2658.
2659. Amorpha
2660.
2661.
2662. Coreopsis
2663.
2664.
2665. Delphinium
2666. Physostegia
2667.

June 22, 1983 AR. Washington Co., ca. 9.6 km east of Fayetteville in woods along hiway 16. T16N R31W S07 Lat. 36°04'30" N Long. 94°18'50" W.

2668. Clematis
2669
2670
2671 Zizia
2672.

June 23, 1983. AR: Pope County; Along Indian Creek 3.2 km southwest of Pelsor. T12N R20W S17. Lat. 35°36'40" N Long. 93°03'30" W.

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2687.

June 25, 1983 AR: Howard Co., 17.6 KM east of Wicks and Hwy jct. 71 + 4 and 9.6 KM W. of Umpire. T5S R30W S25
Lat. 34° 18'00" N Long. 94° 09' 30" W

2688 Opuntia
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June 25, 1983 AR: Polk Co., on six mile creek.

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June 26, 1983 AR: Polk Co., Lake Mena at jct. 71 & 88 near Mena. T2S R30W S15 Lat. 34° 36' 00" N Long. 94° 11' 00" W.

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June 26, 1983 AR: Scott Co., Pond ca. 4.6 mile east of jct. 270 & 71 along N side of Hwy. 270. Near Mill Creek Rec. Area T1N R28W S20. Lat. 34°45'00" N Long. 93°59'30" W.

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June 26, 1983 AR: Sebastian County; ~2 mile north of Mansfield. on W. side of hwy 71. Prairie area. T. 5N R31W S36. Lat. 35° 04' 00" N
Long. 94° 15' 45" W.

3028

3029

June 26, 1983 AR: Sebastian Co., "Massard Prairie" ca. 1.6 km S. of Witcherville on W. Side of Hwy. 71. T. 5 N R 31 W S. 11. Lat. 35°07'30" N Long. 94°16'00" W.

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July 1, 1983 AR: Logan Co., ~ 5 mile south of Paris along hiway 309. T7N R25W S21 Lat. 36°16'00" N Long. 93°41'00" W.

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July 1, 1983 AR: Logan Co., Cove Lake Rec. Area. ca. 1.6 km N of Corley off Hwy. 309. T6N R25W S35. Lat. 35°14'00" N Long. 93°37'30" W.

3041.

3042 Panicum

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3046 Pycanthemum
3047 Lactuca
3048
3049 Rudbeckia
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3051
3052 Coreopsis
3053 Lobelia
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July 1, 1983 AR: Scott Co., Along Freedom Creek 1.9 Km north of Union Hill. T4N R26W S31. Lat. 34° 57' 00" N Long. 93° 47' 30" W.

3057
3058 Clematis
3059.

July 1, 1983 AR: Polk Co., Along Frons Fork Creek off forest road 76.

3
3060 Clematis
3061
3062 Phlox
3063
3064
3065 Oxalis

3066. Acer

3067 (1) Asclepias

July 1, AR: Yell Co., along forest road 18 ~ 3 mile north of hiway 80.

3062 (a) Monarda

3063 (a) Rudbeckia

3064 (a)

3065 (a) Asclepias

3066 (a) Echinacea

3067

3068 Agave

3069

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July 1, 1983 AR: Polk Co., Wet prairie at Mena Lake. near Mena at jct. 71 & 88. T2S R30W S15. Lat. 34° 36'00" N Long. 94° 11'00" W

3071. Cephlanthus

3072.

3073.

3074.

July 2, 1983 OK: Leflore Co, ~ 8.0 km west of Queen Wilhelmena State Park along hiway 88 (Talimena Scenic Drive).

3075. Hypericum.

3076. Rosa
3077.

July 2, 1983. OK: Leflore Co., Along trail at Robert Kerr Arboretum.

3078. Hypericum
3079
3080 Petunia
3081 Lobelia
3082.
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3084 Hirecium
3085 Pycanthemum
3086
3087 Panicum
3088 Echinacea
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3091. Helinium
3092.
3093.
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3096. Hoostonia
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3098
3099. Panicum
3100 Coreopsis

3101 Rudbeckia

3102

3103

3104

3105 Panicum

July 2, 1983. OK: Leflore Co., along hiway 63E ± 5 mile east of Talihena at junction of 271 & 63)

3106

3107 Rosa

July 2, 1983 OK: Leflore Co., off hiway 63 along creek.

3108

July 2, 1983 OK: Leflore Co., along hiway 63.

3109 Rudbeckia grandiflora

3110 Sabatia

3111

3112 Helinium

3113

3114 Polygala

July 2, 1983. AR: Polk Co., ~ 4 mile SE of junction 8 & 370 along hiway 8. T3S R28W S16. Lat. 34° 29' 00" N Long. 93° 59' 00" W.

3115.
3116
3117. Houstonia

July 2, 1983. AR: Polk Co., along hiway 88 ~ 1.8 mile east of junction & 88. T2S R30W S14 Lat. 34° 34' 45" N Long. 94° 09' 30" W

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3122
3123 Hydrangea
3124 Liatris
3125
3126 Allium
3127 Panicum

July 3, 1983 AR: Polk Co., along hiway 88 ~ 4 mile east of Mena. T2S R29W S07 Lat. 34° 34' 50" N Long. 94° 07' 30" W.

3128. Hypericum
3129. Seteria

July 3, 1983. AR: Polk Co., Lover's Leap Trail at Queen Wilhelmena State Park. T1S R32W S12 Lat. 34°41'00" N Long. 94°22'10" W

3130.
3131
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3135 Speligea
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3141 Sassafras
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July 3, 1983 AR: Polk Co., ± 5 mile north of junction 71 & 88 along U.S. 71. T1S R30W S22 Lat. 34° 38' 30" N Long. 94° 11' 30" W.

3145 Liatris

July 3, 1983. AR: Scott Co., Hiway 71, 6.5 mile south of Y-City. Along Cedar Ck. T1N R30W S33 Lat. 34° 41' 30" N Long. 94° 11' 30" W.

3146

July 3, 1983. AR: Scott Co., ~1.5 mile south of junction 71 & 248 on east side of hiway 71. Near How Creek. T3N R29W S33 Lat. 34°52'30" N Long. 94°05'50" W.

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July 4, 1983. AR: Howard Co., 17.6 KM east of Wicks and jct. Hwys. 71 & 4 and 9.6 Km W. of Umpire. T5S R30W S25 Lat. 34°18'00" N Long. 94°09'30" W.

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July 4, 1983 AR: Polk Co., Six-Mile Creek.

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July 4, 1983. AR: Polk Co., Mena Lake at SE edge of Mena.
T2S R30W S15 Lat. 34°36'00" N Long. 94°11'00" W.

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July 4, 1983 AR: Polk Co; Prairie at Lake Mena near Mena.
T2S R30W S15 Lat. 34°36'00" N Long. 94°11'00" W.

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July 11, 1983. AR: Scott Co., .5 mile South of Hon and Hwy 28, along Hwy 80
T3N R30W S10 Lat. 34° 55' 40" N Long. 94° 10' 00" W.

3207. Hypericum

July 11, 1983. AR: Scott Co., 3 mile west of Cauthron along hiway 28.
T3N R32W S24 Lat. 34° 59' 00" N
Long. 94° 20' 30" W

3208

3209. Hypericum

3210

3211.

3212.

July 11, 1983. OK: Leflore Co., 7.3 mile west of AR & OK State line along hiway 128.

3213. Typha

3214. Typha

July 11, 1983. OK: Leflore Co., along hiway 259, .5 south of Three Sticks Monument.

3215.

3216. Lilium

July 11, 1983. OK: McCurtain Co., hiway 259 & Eagle Fork Creek, on shore.

3217.
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3222.
3223.

July 11, 1983. OK: McCurtain Co., Off hiway 259 ~ 8 mile north of junction 114 & 259; on bluff.

3224.
3225.
3226.
3227.

July 11, 1983 OK: McCurtain Co., Along hiway 259 ~ .8 mile south of junction 114 & 259.

3228.

July 11, 1983. AR: Little River Co., Along hiway 32 ~ .2 mile west of Foreman. T12S R32W S28 Lat. 33°42'00" N Long. 94°25'30" W

3229.
3230 Rhexia
3231

3232. Helinium

3233. Sabatia

3234. Lythrum

3235

3236.

July 11, 1983. AR: Little River Co., 3 mile southwest of Foreman along Arkansas hiway 108. T12S R32W S06 Lat. 33°40'00"N 94°27'30" W.

3237

3238 Lythrum

3239.

3240. Schrankia

July 11, 1983. AR: Little River Co., Along hiway 108 ~.5 mile east of OK & AR state line. Wet Area. T13S R33W S01 Lat. 33°40'30" N Long. 94°29'00" W

3241.

July 11, 1983. OK: McCurtain Co., Along RR ~ 3 mile west of junction OK hiway 98 & 70 along hiway 70.

3242.

July 14, 1983 TX: Along hiway I35 ~ 1 mile north of junction I35E & 287 across from a fiber glass plant.

3243

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3248.

July 15, 1983. TX: Hiway 71 ~ Along Colorado River just off mile southeast of Austin.

3249
3250
3251
3252
3253 Solanum
3254
3255.
3256.
3257.
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3279.

July 16, 1983. TX: Along RR ~ 15 mile west of junction 29 & 79 South on hiway 79.

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3282.

July 16, 1983. TX: Along RR ~ 1 mile west of Thornburg west of hiway 79.

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3286.

July 16, 1983. TX: ~6 mile west of Rockford in field next to roadside park on hiway 79.

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July 16, 1983. TX: Roadside park next to creek ~1 mile west of junction I45 & 79 east of 79.

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3308

July 17, 1983. AR: Union Co., Along hiway 82 in ditch ~ 3.0 mile east of junction 82 & 172 (Cairo). T17S R17WS26 Lat. 33° 13' 40" N Long. 92° 49' 30" W.

3309
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3319
3320
3321 Polytrichum
3322
3323 Ruellia
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July 17, 1983. AR: Columbia Co., Roadside Park ~6 mile east of Magnolia along hiway 82. T17S R21W S09
Lat. 33° 16' 30" N Long. 93° 16' 30" W.

3337
3338

July 17, 1983. AR: Lafetta Co., along hiway 82 ca. 11.2 Km W. of Jct. 82 & 29 along Hwy 82. T16S R25W S17
Lat. 33° 21' 00" N Long. 93° 42' 00" W.

3339.
3340
3341
3342
3343 Helinium
3344
3345

3346. Liatris

3347

July 17, 1983. AR: Lafette Co. ½ 4 mile west of Lewisville along hiway 82. T16S R25W S13 Lat. 33°21'00" N Long. 93°39'30" W.

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July 17, 1983 AR: Miller Co., ~.5 mile north of junction I30 & 71 along hiway 71.

3368. Sagittaria
3369.

July 17, 1983. AR: Miller Co., ~3 mile north of junction I30 & 71 on east side of hiway 71 in wet ditch. T14S R28W S30. Lat. 33° 29' 55" N Long. 94° 02' 30" W.

3370
3371 Sabatia
3372 Helinium
3373
3374 Gaura

July 17, 1983. OK: McCurtain Co., along hiway 87 ~ 2 mile west of OK-AR State Line.

3375.

July 17, 1983 AR: Howard Co., ~ 1.6 Km east of Cossatot River. Along Baker Creek. T5S R30W S25
↳ off Hwy 4. Lat. 34° 18' 00" N
Long. 94° 09' 30" W.

3376.
3377.
3378.

3379
3380
3381
3382
3383
3384. Hypericum
3385. Houstonia
3386. Euphorbia
3387.
3388.
3389. Silphium
3390.
3391.
3392.
3393. Cephlanthus
3394. Euphorbia
3395.
3396.

July 17, 1983. AR: Polk Co., Along hiway 71 ~ 2.5 mile north of junction 71 & 4 hiway and 1.0 mile S. of Hatton. T5S R32W S12 Lat. 34° 20' 30" N Long. 94° 21' 15" W.

3397.
3398.
3399.
3400 Agave
3401
3402

3403.
3404.
3405.
3406 Passiflora

July 17, 1983. AR: Howard Co., In woods ~ 100 yards north of west hiway 84 ~ 2 mile west of junction 4 & 84. (at Umpire) T5S R28W S19. Lat. 34°18'00"N Long. 94°01'30" W.

3407.
3408.

July 17, 1983. AR: Polk Co., wet prairie at Lake Mena near Mena. T2S R30W S15 Lat. 34°36'00"N Long. 94°11'00" W

3409.
3410 Asclepias
3411
3412
3413
3414 Liatris
3415
3416 Rudbeckia
3417
3418 Hypericum
3419

July 18, 1983. AR: Polk Co., Along hiway 88 (Talimena Drive) on rocky slopes ~ 5 mile east of junction 27 & 88. T1S R31W S23 Lat. 34° 39' 30" N Long. 94° 16' 00" W.

3420

3421

3422.

July 18, 1983. AR: Polk., along Lover's Leap Trail at Queen Wilhelmena State Park. T1S R32W S12 Lat. 34° 41' 00" N Long. 94° 22' 10" W

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3425

3426

July 18, 1983 AR: Polk Co., along hiway 88 at jct. 272. T1S R32W S12 Lat. 34° 41' 30" N Long. 94° 21' 15" W.

3427.

3428.

3429.

July 18, 1983 AR: Polk Co., along Hiway 88 ~ 8 mile west of Mena. T1S R31W S15. Lat. 34° 40' 10" N Long. 94° 18' 30" W.

3430 Hypericum

July 18, 1983. AR: Polk Co., ~ .2 mile east of jct. 272 and 88 along hiway 88. T1S R32W S12. Lat. 34° 41' 20" N Long. 94° 21' 30" W.

3431

July 18, 1983. AR: Polk Co., Along forest service road "38" ~ 3 mile south of hiway 8.

3432.
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3434
3435

July 18, 1983. AR: Polk Co., Along Forest Service Road "38" ~ 3.7 mile south of hiway 8.

3436.
3437 Campanula
3438. Ruellia
3439. Lychnis
3440
3441. Solidago
3442.

July 18, 1983. AR: Polk Co, ~ 4.5 mile east of junction 38 & 25 (forest service roads) on both sides of forest service road 25.

3443.
3444. Hypericum
3445 Polygala
3446 Polygala
3447.

July 18, 1983. AR: Montgomery Co., ~1 mile east of junction forest service road 25 & 43 along forest service road 25.

3448 Agave
3449. Asclepias
3450. Solanum
3451. Solidago

July 18, 1983. AR: Montgomery Co. along hiway 8 ~ 3 mile west of Black Springs. T3S R26W S27 Lat. 34° 27' 30" N Long. 93° 46' 00" W.

3452 Euphorbia
3453
3454
3455.

July 18, 1983. AR: Montgomery Co., Big Brushy Creek Campground. ca. 5.6 Km E. of Scott Co. Line; T1S R26W S06. Lat. 34° 41' 30" N Long. 93° 49' 30" W.

3456
3457

3458
3459
3460
3461. Liatris
3462. Spiranthes

July 17, 1983. AR: Columbia Co., Woods north of roadside park along hiway 82 ca. 6.4 Km W. of jct. 82 + 79. T17S R20W S14 Lat. 33°14'55" N Long. 93°02'30" N.

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July 22, 1983. KS: Sumner Co., Pasture at Knight Farm ~ 4.8 Km ~~roadside~~ southwest of Caldwell. T35S R3W S18 Lat. 37°00' Long. 97°41'

3471
3472
3473

July 25, 1983. OK: along roadside.

3474

July 30, MO: Cass Co., ~ 3 mile south of Harrisonville. Along country roads.

3475

3476

3477

July 30, 1983 MO: Cass Co., Near Werner farm.

3478

July 30, 1983. MO: Cass Co., North Edge of Harrisonville Lake.

3479.

August 7, 1983. CO: Pueblo Co., San Isabel National Forest, along hiway 165 ~ 4.5 mile north of Colorado City.

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3482.

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3484.

3485.
3486.
3487.
3488. Penstemon

August 7, 1983. CO: Fremont Co., Along roadside leading to Royal Gorge ~ 3 mile south of hiway 50.

3489. Liatris
3490.
3491.
3492. Geranium
3493.

August 7, 1983. CO: Gilpin Co., U.S. Forest Campground. about mile north of Winter Park.

3494
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3500
3501 Galium
3502

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3507
3508.

August 8, 1983. CO: along hiway 34 at Holzwarth Homestead.

3509. Penstemon
3510. Castilleja
3511.
3512.
3513. Penstemon

August 8, 1983. CO: small lake at Miner Pass ~.2 mile off hiway 34 (west side of hiway).

3514.
3515.
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3518
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3521.
3522. Mertensia

August 8, 1983. CO: along hiway 34 ~ 1 mile west of junction hiway 34 & 36.

3523.
3524.
3525.

August 8, 1983. CO: At Kelsey National Forest Campground just off hiway 67.

3526 Allium
3527.
3528.
3529.
3530
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August 9, 1983. CO: Tundra on Pike's Peak ~ 14,000 feet.

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3539.

September 18, 1983. AR: Montgomery Co., along hiway 270 ~ 2mile west of Montgomery & Scott county line.
T1S R27W S02 Lat. 34° 41' 00" N
Long. 93° 50' 30" W.

3540. Vernonia
3541.
3542. Solidago
3543. Guara
3544.
3545.
3546. Euphorbia
3547.
3548
3549
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3551 Clematis
3552
3553 Ambrosia
3554 Ambrosia
3555.

September 18, 1983. AR: Sebastian Co., ~ 1 mile south of Huntington along hiway 71. T5N R31W S36 Lat. 35° 04' 30" N Long. 94°15'30" W.

3556. Guara longiflora

September 18, 1983. AR: Scott Co., 2.5 mile south of Abbott along hiway 71. T5N R30W S36. Lat. 35° 04' 30" N Long. 94°09'00" W.

3557. Andropogon gerardi

3558

3559.

3560

3561. Ambrosia

3562.

3563. Lobelia siphilitica

3564.

September 18, 1983. AR: Polk Co., 4.5 mile east of Y-city off hiway 270 near pond. T1S R28W S20 Lat. 34°44'30" N Long. 94°00'00" W.

3565

3566

3567

3568

3569

3570 Solidago

3571

3572. Solidago
3573. Eupatorium
3574
3575.

September 18, 1983. AR: Montgomery Co., ~.5 mile north of Big Brushy Campground along hiway 270. T1N R26W S31 Lat. 34° 42' 00" N Long. 93° 49' 00" W.

3576.
3577. Lobelia
3578. Euphorbia
3579.

September 18, 1983. AR: Montgomery Co., along hiway 270 1.9 km north of Mount Ida, junction of hiway 270 & 27. T2S R25W S19 Lat. 34° 32' 30" N Long 93° 38' 45" W.

3580. Euphorbia
3581 Guara demaraei
3582. Commelina
3583.
3584
3585
3586 Ambrosia
3587. Desmodium
3588. Solidago
3589. Liatris

3590. Euphorbia

September 18, 1983. AR: Garland Co., along hiway 270 at Charolton campground.

3591.

3592. Guara demareei

3593

3594. Vernonia

September 18, 1983. AR: Saline Co; ~4mile east of Saline & Garland Co. line & .75 mile south off hiway 5. at Owensville.
T1S R17W S27 Lat. 34° 36' 30" N
Long. 92° 49' 25" W

3595. Lobelia

3596.

3597.

3598

3599 Aster

3600

3601

3602. Desmodium

3603 Vernonia

3604.

September 18, 1983. AR: Montgomery Co., along hiway 8 about 3 mile east of forest service road 43.

3605.
3606. Lobelia
3607.

September 18, 1983. AR: Polk Co., on Rich Mountain along hiway 272. T1S R31 S06 Lat. 34° 41' 30" N Long. 94° 20' 20" W.

3608.
3609.
3610
3611
3612
3613
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3617 Elephantopus
3618 Setaria
3619
3620 Solidago
3621
3622 Ambrosia
3623 Clematis
3624. Eupatorium
3625.
3626. Vernonia

September 18, 1983. AR: Scott Co., Along hiway 71 ~ 4 mile north of Waldron near Lake Waldron. T4N R29W S32. Lat. 34° 57' 30" N Long. 94° 06' 00" W.

3627.

October 4, 1983. AR: Montgomery Co., along hiway 270 ~ 3 mile north of Mount Ida. at jct. 270 & 298. T2S R25W S04 Lat. 34° 36' 00" N Long. 93° 40' 20" W.

3628

3629. Aster patens

3630.

3631.

October 8, 1983. AR: Benton Co., prairie. 5.7 Km north of jct. 68 + 59 on E. of 59. T18N R33W S26. Lat. 36° 13' 00" N Long. 94° 29' 00" W.

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Oct. 8, 1983 AR: Washington Co., Cemetary near University of Arkansas. T16N R30W. Lat. 36° 04' 00" N Long. 94° 10' 00" W.

3636.

October 11, 1983. OK: Leflore Co., along hiway 63 ~ 1.5 mile east of Big Cedar (junction 63 & 259)

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October 11, 1983. AR: Polk Co., small wet prairie at Lake Mena. Near jct. 71 & 88. T2S R30W S15. Lat. 34° 36' 00" N Long. 94°11' 00" W.

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October 11, 1983. AR: Sebastian Co., in prairie along hiway 71 just south of I540 ~ 2 miles. T7N R32W S15 Lat. 35° 17' 30" N Long. 94° 22' 30" W.

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October 20, 1983. MO: Barton Co., Golden Prairie T30N, R29W, Sec. 8, W½. ca. 3.2 Km South of Hwy 126. Lat. 37° 26' Long. 94° 06'

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October 20, 1983. MO: Dade Co., Penn-Sylvania Prairie T32N, R28W, S22, SE¼. Lat. 37° 29° 94° 04' ca. 3.2 Km E. of jct. D+E and ca. 0.8 Km South.

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October 20, 1983. MO: Barton Co., Golden Prairie, T30N, R29W,
Sec. 8, W 1/2. Lat. 37°26' Long. 94°06'
ca. 3.2 Km S. of Hwy. 126.

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October 20, 1983. MO: Barton Co., Pawhuska Prairie; T32N, R29W, S7, ~~xxxxx~~ E1/2, NW1/4 Lat. 37°33' Long. 94°07' 0.8 Km W of HH & 4.8 Km S. of Hwy C.

3704
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October 20, 1983. MO: Polk Co., La Petite Gemme Prairie. T33N, R23W, Sec. 25, SW1/4, NW1/4. Lat. 37°36' Long. 93°22' ca. 2.4 Km W. of Hwy 13.

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October 20, 1983. MO: Lawrence Co., Mt. Vernon Prairie T28N R26W, S07 N1/2 Lat. 37°08' Long. 93°42'
Ca. 1.6 Km West of Hwy M & 5.0 Km S of Hwy 96.

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October 20, 1983. MO: Newton Co., Diamond Prairie, T27N, R32W, S36, NE1/4, SE1/4. Lat. 37°02' Long. 94°13'
Ca. 5.6 Km W. of Hwy 71 and 3.5 Km S. of FF.

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3742.

October 22, 1983. AR: Polk Co., Old Pioneer Cemetary just west of Queen Wilhelmena State Park. T1S R32W S09 Lat. 34° 31' 10" N Long. 94° 24' 00" W.

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3745.

October 20, 1983. MO: Barton Co., Golden Prairie. ca. 3.2 Km S of Hwy 126. T30N R29W S8 W1/2 Lat. 37° 26' Long. 94° 06'. ca. 3.2 Km S. of Hwy. 126.

3746. Ephemerum crassinervium (Schwaegr.) Hampe

3747 Leskea gracilescens (Hedw.); on tree

3748 Amblystegium varium (Hedw.) Lindb.

3749 Campylium hispidulum (Brid.) M.H.

3750 Weissia controversa Hedw.

3751 Amblystegium varium (Hedw.) Lindb.

3752. Amblystegium varium (Hedw.) Lindb.

October 20, 1983. MO: Barton Co., Pawhuska Prairie, T32N R29W S7 E1/2. Lat. 37° 33' Long. 94° 07' 0.8 Km W. of HH & 4.8 Km S. of Hwy C.

3753 Mnium cuspidatum (Hedw.)

3754 Amblystegium varium (Hedw.) Lindb. & Weissia controversa (Hedw.)

3755 Leskea obscura Hedw.

3756 Mnium cuspidatum Hedw. & Orthotrichum pusillum Mitt.

3757 Ditrichum pallidum (Hedw.) Hampe.

3758 Amblystegium varium (Hedw.) Lindb.
3759 Amblystegium varium (Hedw.) Lindb.
3760 Leskea obscura Hedw.
3761 Forsstroemia trichomitria (Hedw.) Lindb.
3762 Atrichum angustatum (Brid.) BSG
3763. Forsstroemia trichomitria (Hedw.) Lindb.

October 20, 1983 MO: Dade Co., Penn-Sylvania Prairie. ✓ Ca. 3.2 Km E. of jct. D & E and 0.8 Km S. T32N R28W S22 SE1/4 Lat. 37° 29' Long. 94° 04'
3764 Amblystegium varium (Hedw.) Lindb.
3765 Weissia controversa Hedw.
3766 Atrichum angustatum (Hedw.) BSG.
3767. Entodon seductrix (Hedw.) C.M.
3768 Entodon seductrix (Hedw.) C.M. & Amblystegium varium (Hedw.) Lindb.
3769 Campylium chrysophyllum (Brid.) J. Lange

October 20, 1983 MO: Polk Co., La Petite Gemme Prairie. ✓ Ca. 2.4 KM W. of Hwy. 13. T33N R23W S25 SW1/4. Lat. 37° 36' Long. 93° 22'.
3770 Campylium chrysophyllum (Brid.) J. Lange & Fissidens taxifolius Hedw.
3771 Fissidens taxifolius Hedw.
3772 Campylium hispidulum (Brid.) Mitt.; Weissia controversa Hedw.; Fissidens cristatus Wils. ex. Mitt.
3773 Mnium cuspidatum Hedw.; bark at base of tree.
3774 Campylium hispidulum (Brid.) Mitt.

October 20, 1983. MO: Lawrence Co., Mount Vernon Prairie. ✓
ca. 1.6 KM W. of Hwy M & 5.0 Km S. Hwy 96. T28N R26W S7 N1/2. Lat. 37° 08' Long. 93° 42'.
3775 Amblystegium varium (Hedw.) Lindb.; on soil
3776 Camplylium hispidulum (Brid.) Mitt., on soil

3777. Campylium hispidulum (Brid.) Mitt.; Fissidens taxifolius Hedw.; Weissia controversa Hedw.

October 20, 1983 MO: Newton Co., Diamond Prairie. ca. 5.6 Km west of 71 Hwy and 3.5 Km S. of FF. T27N R33W S36 Lat. 37°02' Long. 94°13'.

3778 Dicranella heteromalla (Hedw.) Schimp.; on soil
3779 Atrichum angustatum (Brid.) BSG., on soil
3780 Campylium hispidulum (Brid.) Mitt.; on soil
3781 Dicranella heteromalla (Hedw.) Schimp.; on soil
3782 Leskea gracilescens Hedw.; on tree
3783. Atrichum angustatum (Brid.) BSG., on soil

October 22, 1983. AR: Sebastian Co., Massard Prairie; South of Ft. Smith off hiway 71 ~ 2 mile south of I540.

3784 Brachythecium oxycladon (Brid.) Jaeg. & Sauerb.
3785 Lejeunea glaucescens Gott.; on tree
3786 Thuidium delicatatulum (Hedw.) BSG.,
3787 Entodon seductrix (Hedw.) C.M.; on tree

October 22, 1983. OK: LeFlore Co., In boggy woods along hiway 63 ~ 1.5 mile east of Big Cedar.

3788 Polytrichum commune Hedw., on soil
3789. Sphagnum subsecundum Nees ex Strum var. rufescens (Nees & Hornsch. ex Nees, Hörnsch. & Stram.) Hüb.; at edge of intermittent stream.

October 30, 1983. AR: Washington Co., 417 Anderson, on roof.

3790. Bryum argenteum Hedw.

November 4, 1983. MO: Barton Co., Catlin Prairie. ca. 1.6 Km E. of Hwy 71 & 4.8 Km N of Hwy C. T33N R31W S7 SE1/4 Lat. 37° 38' Long 94° 10'.

3791 Campylium hispidulum (Brid.) Mitt., on soil.
3792 Leucodon julaceus (Hedw.) Sull.
3793 Leucodon julaceus (Hedw.) Sull.
3794 Fissidens bushii (Card. & Ther.) Card. & Ther.
3795 Entodon seductrix (Hedw.) C.M.
3796 Campylium hispidulum (Brid.) Mitt.
3797 Fissidens taxifolius Hedw., on shaded soil
3798 Camplylium chrysophyllum (Brid.) J. Lange
3799 Bryum pseudotriquetrum (Hedw.) Gaertn., Meyer, & Scherb.; on soil
3800 Fissidens adianthoides Hedw.; on soil - very moist.

November 4, 1983. MO: Vernon Co., Osage Prairie. ca. 1.4 Km W. of Hwy 71 & 1.6 Km N. of BB. T34N R31W S34 Lat. 37° 43' Long. 94° 30'

3801 Dicranella heteromalla (Hedw.) Schimp. On soil beneath oak.
3802 Dicranella heteromalla (Hedw.) Schimp.
3803 Amblystegium trichopodium (Schultz) Hartm.; moist soil
3809 Bryum caespiticium Hedw.
3805 Atrichum angustatum (Brid.) BSG.; on soil
3806 Dicranella heteromalla (Hedw.) Shrimp.

3807 Campylium hispidulum (Brid.) Mitt.
3808 Dicranella heteromalla (Hedw.) Schimp.
3809 Bryum caespiticium Hedw.
3811 Weissia controversa Hedw.
3812 Bryum caespiticium Hedw.
3813 Atrichum angustatum (Brid.) BSG
→ 3810 - Atrichum angustatum (Brid.) BSG.

November 6, 1983. MO: Cass County, Dorsett Prairie. ca. 0.8 Km NE of Everett. to 2.4 km E. of Hwy W. T43N R32W S24 Lat. 38°30' Long. 94° 31°

3814a. Bryum bicolor Dicks. ?
3814b. Ditrichum pallidum (Hedw.) Hampe
3815 Bryum capillare Hedw.
3816 Leskea gracilescens Hedw.; on bark at base of tree
3817 Weissia controversa Hedw.
3818 Amblystegium varium (Hedw.) Lindb.
3819 Weissia controversa Hedw.
3820 Brachythecium rutabulum (Hedw.) BSG.
3821 Weissia controversa Hedw.
3822 Entodon seductrix (Hedw.) C.M.
3823 Entodon seductrix (Hedw.) C.M.
3824a. Rhynchostegium serrulatum (Hedw.) Jaeg. & Sauerb.
3824b. Mnium cuspidatum Hedw.

November 26, 1983 KS: Sumner Co., ~ 4 mile southwest of Caldwell.

3825
3826
3827

3828
3829
3830
3831

November 26, 1983. KS: Sumner Co., Knight Yard ~ 3.5 mile southwest of Caldwell.

3832.

January 18, 1984 MS: Oktibbeha Co., On oak tree in front of Mississippi State University Laundry Service.

3833. Leucodon julaceus (Hedw.) Sull.

January 25, 1984: MS: Oktibbeha Co., outside Biology Bldg.

3834. Entodon seductrix (Hedw.) C.M. – base of tree.
3835. Frullania donellii Aust. on tree.
3836.
3837. Orthotrichum pusillum Mitt. on tree
3838. Leucodon julaceous

January 26, 1983 MS: Oktibbeha. Co.,

3839. Bryum pseudotriquetrum (Hedw.) Gaertn., Meyer & Scherb.

3840 Amblystegium varium (Hedw.) Lindb.
3841
3842.

January 27, 1984. MS: Oktibbeha Co., ~ 6.5 mile east of Starkville.
Sidney McDaniel Farm: T18N, R15E, S2. Black Prairie Region.

3843 Thelia hirtella (Hedw.) Sull.; on bark
3844 Mnium affine Bland ex Funck. sensu lata var. rugicum (Laur.) BSG.
3845 Isopterygium tenerum (Sw.) Mitt.; on rotten log.
3850 Frullania squarrosa (Reinw. et al) Dum., on tree
3851
3852 Mnium affine Bland ex Funck. sensu lata var. ciliare C.M.
3853 Thelia hirtella (Hedw.) Sull.; on bark
3854. Lophocolea heterophylla (Schrad.) Dum.; on tree
3855 Anomodon minor (Hedw.) Fürnr, at base of tree
3856 Climacium americanum Brid., on moist soil.
3857 Lophocolea heterophylla (Schrad.) Dum. on tree.
3858 Aulacomnium palustre (Hedw.) Schwaegr.; along stream
3859 Clasmatodon parvulus (Hampe) Hook & Wils. ex Sull., on cedar
3860 Anomodon attenuatus (Hedw.) Hüb., on moist soil
3861 Sematophyllum adnatum (Mx.) E.G. Brit.; base of tree
3862. Frullania squarrosa (Reinw. et al) Dum.; on tree
3863. Aulacomnium palustre (Hedw.) Schwaegr.; on soil (wet)
3864. Polytrichum commune Hedw.; on soil
3865. Dicranella heteromalla (Hedw.) Schimp.; on soil
3866. Brachythecium salerosum (Web. & Mohr) BSG.; on soil
3867. Thuidium delicatatum (Hedw.) BSG.

3868. Anomodon attenuatus (Hedw.) Hüb.; base of tree.
3869. Rhynchostegium serrulatum (Hedw.) Jaeg. & Sauerb.; on soil
3870. Porella pinnata L.; attached to rock in intermittent stream.
3871 Eurhynchium hians (Hedw.) Sande-Lac.; on soil.
3872. Leucobryum albidum (Brid.) Lindb.; at base of tree.
3873. Anomodon rostratus (Hedw.) Schimp.; on bark at base of tree.
3874. Frullana eboracensis Gott.; on bark of tree.
3875. Amblystegium serpens (Hedw.) BSG.; base of tree
3876 Anomodon attenuatus (Hedw.) Hüb.; bark at base of tree
3877. Fissidens fontanus (B.-Pyl.) Steud.; on tree roots submerged in water. intermittent stream.
3878. Leucolejeunea uniloba (Lindenb.) Evans; on bark of tree.
3879. Rhynchostegium serrulatum (Hedw.) Jaeg. & Sauerb.; on soil
3880. Campylium chrysophyllum (Bird.) J. Lange; on soil & rotten wood
3881 Brachythecium salebrosum (web. & Mohr) BSG; on soil (shaded)
3882. Atrichum angustatum (Brid.) BSG., on soil
3883 Anomodon minor (Hedw.) Fürnr., on wet soil at base of tree
3884. Frullania squarrosa (Reinw. et. al.) Dum.; on tree
3884a. Fissidens fontanus (B.-Pyl.) Steud.; attached to rock in small stream.
January 28, 1984. MS. Oktibbeha Co., On soil outside Harned Biology Bldg.

3885. Bryum bicolor Dicks; on soil on east side of Harned Hall.

February 2, 1984. Oktibbeha Co., ~ 5 mile north of Starkville, Hills & Ravines of calcareous soil. T19N, R14E, S2, SW1/4.

3886 Bryum pseudotriquetrum (Hedw.) Gaertn, Meyer & Scherb.

3888 Pleurochaete squarrosa (Brid.) Lindb., on soil
3887 Amblystegium varium (Hedw.) Lindb.; on soil
3889 Campylium hispidulum (Brid.) J. Lange; on soil
3890 Clasmatodon parvulus (Hampe) Hook & Wils. ex Sull.; on cedar.
3891 Frullania squarrosa (Reinw. et al.) Dum.; on tree
3892 Isopterygium tenerum (Sw.) Mitt., on logs (rotten)
3893 Cirriphyllum piliferum (Hedw.) Grout; on soil in woods
3894 Rhynchostegium serrulatum (Hedw.) Jaeg. & Sauerb.
3895 Pleurochaete squarrosa (Brid.) Lindb.; on soil
3896 Fissidens cristatus Wils. ex Mitt.; on soil in pine woods - shady
3897 Fissidens adianthoides Hedw.; on soil of bank of stream
3898 Brachythecium acuminatum (Hedw.) Aust.; on soil at base of tree.

✓February 4, 1984 MS: Webster Co., ~ 1.5 mile west of Greensboro Church. T19N, R8E, S7, Spring Area with T. Smith & K. Clancey

3899. Isopterygium tenerum (Sw.) Mitt.; on rotten log
3900 Aulacomnium heterostichum (Hedw.) BSG.; on soil.
3901. Leucobryum albidum (Brid.) Lindb.; at base of tree.
3902. Thudium delicatulum (Hedw.) BSG.; at base of tree.
3903 Leucolejeunea clypeata (Schwein.) Evans; bark of hardwood
3904 Pallavicinia lyellii (Hook.) Carruth. Attached to rock in small spring.
3905 Atrichum undulatum (Hedw.) P. Beauv. on moist, humic soil
3906 Clasmatodon parvulus (Hampe) Hook. & Wils. ex Sull.; on bark
3907 Fissidens cristatus Wils. ex Mitt.; base of tree, moist
3908 Sematophyllum adnatum (Mx.) E. G. Brit.; on tree
3909 Fissidens cristatus Wils. ex Mitt. on base of stump, moist.
3910 Pallavicinia lyellii (Hook.) Carruth. At base of tree frequently covered by water

February 4, 1984. MS: Webster Co., ~ 1 mile west of Old Cove Hunting Club.; T20N, R8E, S12. With T. Smith & K. Clancay

3911 Mnium affine Bland. ex Funck. sensu latö var. ciliare C.M.
3912 Calypogeia fissa (L.) Raddi - on sandy soil of moist bank.
3913 Hypnum curvifolium Hedw.
3914 Calypogeia fissia (L.) Radd: - on sandy soil of ravine bank.
3915 Aulacomnium heterostichum (Hedw.) BSG. on soil of bank.
3916 Bryoandersonia illecebra (Hedw.) Robins ; on soil
3917 Rhynchostegium serrulatum (Hedw.) Jaeg. & Sauerb. on Soil.
3918 Leucolejeunea unciloba (Lindenb.) Evans ; on bark of Am. Holly.
3919 Aulacomnium heterostichum (Hedw.) BSG.; base of beech.
3920 Weissia controversa Hedw., on soil of overhang.
3921 Thelia hirtella (Hedw.) Sull. ; on beech tree.
3922 Mnium affine Bland. ex Funck. sensu latö var. ciliare C.M., base of tree
3923. Calypogeia fissia (L.) Radd: ; on sandy soil of ravine bank.
3924. Anomodon attenuatus (Hedw.) Hüb ; base of tree.
3925. Isopterygium tenerum (Sw.) Mitt. ; on rotten log
3926. Dicranum scoparium Hedw. on soil
3927. Eurhynchium pulchellum (Hedw.) Jenn.; on well rotted stump.

February 12, 1984, MS: Choctaw County; Jeff Busby State Park. Trail from overlook. T18N, R10E, Sec. 20, NE 1/4.

3928. Pallavicinia lyellii (Hook.) Carruth.,
3929. Calypogeja fissia (L.) Raddi

3930. *Riccardia multifida* (L.) S. Gray
3931. *Mnium affine* Bland & Funck. sensu lato var. *rugicum* (Laur.) BSG.
3932. *Eurhynchium hians* (Hedw.) Sande-Lac.; on rotten log
3933. *Barbula*
3934. *Thelia hirtella* (Hedw.) Sull.; on tree
3935. *Porella pinnata* L.; on stump
3936. *Calypogeja fissia* (L.) Radd.; on moist bank
3937. *Fissidens taxifolius* Hedw.; Near spring
3938. *Entodon seductrix* (Hedw.) C.M. base of oak.
3939.
3940. *Isopterygium pulchellum* (Hedw.) Jaeg. & Sauerb.
3941.
3942. *Leucobryum albidum* (Brid.) Lindb.
3943. *Entodon seductrix* (Hedw.) C.M.
3944. *Aulacomnium heterostichum* (Hedw.) BSG
3945. *Entodon seductrix* (Hedw.) C.M.
3946. *Lejeunea laetevirens* Nees & Mont.
3947. *Orthotrichum pusillum* Mitt.; on bark.
3948. *Orthotrichum pusillum* Mitt.; on bark.
3949. *Clasmatodon parvulus* (Hampe) Hook. & W.J.S. ex Sull.; on bark

February 12, 1984. MS: Choctaw Co., Along Natchez Traceway, 1.75 mile north of Hiway 9 intersection. T18N, R10E, Sec. 3, SE¼.

3950. *Orthotrichum pusillum* Mitt.; on bark of tree

February 12, 1984. MS: Choctaw Co., Ballard Creek Picnic area along Natchez Trace way. ~ 3.5 sooth of hiway 82 junction. T19N, R11E, Sec. 19

3951. Porella platyphylla (L.) Pfeiff.; on rotting log.
3952. Porella pinnata L.; on log in small stream - Ballard Creek.
3953. Clasmatodon parvulus (Hampe) Hook & Wils. ex Soll.; on bark
3954. Leucolejeunea clypeata (Schwein.) Evans; Bark of hardwood
3955. Eurhynchium hians (Hedw.) Sande-Lac; on soil.
3956. Anomodon minor (Hedw.) Fürnr.; on bark
3957. Frullania squarrosa (Reinw. et al) Dum.
3958. Frullania eboracensis Gott., on bark of beech tree
3959. Porella platyphylla (L.) Pfeiff.; on bark of tree
3960. Anomodon attenuatus (Hedw.) Hüb., bark
3961. Fontinalis novae-angliae Sull., attach to tree root in Ballard Creek.

February 15, 1984 - MS: Oktibbeha Co., On brick wall near Mississippi State University Post office.

3962. Bryum argenteum Hedw., on brick wall

Feb. 16, 1984. MS: Oktibbeha Co.; On soil in front of Hiway Patrol Station;

3963. Funaria hygrometrica Hedw.; on soil

February 16, 1984; MS: OKtibbeha Co., on concrete retaining wall just outside west side of burned biology bldg., near handicap parking area.

3964.

February 17, 1984: MS: Winston Co., ~ 20 mile SW of Starkville on west side of hiway 25. T16N, R13E, S29. Ravine west of roadside park.

3965. Anomodon rostratus (Hedw.) Schimp. On bark at base of white oak
3966. Dicranum scoparium Hedw.; on soil of west facing slope.
3967. Ctenidium molluscum (Hedw.) Mitt.; at base of tree.
3968 Aulacomnium heterostichum (Hedw.) BSG.; on soil of bank.
3969. Frullania squarrosa (Reinw., Blume & Nees) Ness; on rotten log.
3970. Cephalozia catenulata (Hüb) Lindb.; on barkless log.
3971. Ditrichum pallidum (Hedw.) Hampe.; on soil at edge of woods.
3972. Leucolejeunea clypeata (Schwein.) Evans; bark of white oak.
3973. Leucobryum albidum (Brid.) Lindb.; on soil at base of tree.
3974. Isopterygium tenerum (Sw.) Mitt.; on log
3975. Fissidens cristatus Wils. ex Mitt.; on bark at base of oak.
3976. Fissidens bushii (Card. & Ther.) Card. & Ther.; On clay soil of stream bank
3977. Homalotheciella subcapillata (Hedw.) Broth. .; on bark of white oak.
3978. Mnium cuspidatum Hedw.; at base of tree
3979. Bryoandersonia illecebra (Hedw.) Robins.
3980. Fissidens bushii (Card. & Ther.) Card. & Ther.; on rocky clay soil of small stream bank.
3980a. Cephalozia catenulata (Hüb) Lindb.; on bark

February 20, 1984: MS: Oktibbeha Co., MSU campus.

3981. Hedwigia ciliata (Hedw.) P.-Beauv.; on petrified log on east side of Lee Hall.
3982. Leucodon julaceus (Hedw.) Sull.; on tree trunk in front of MSU Laundry building

February 23, 1984: MS: Hancock Co., Along natura trail at Buckaneer State Park.

3983 Frullania eboracensis Gott. on bark of live oak.
3984. Sematophyllum adnatum (Mx.) E.G. Britt.
3985. Bryum capillare Hedw. on soil at base of live oak.
3986. Frullania Kunzei Lehm. et. Lindenb. on barkless log
3987. Dicranella heteromalla (Hedw.) Schimp. on sandy soil over roots of upturned tree.
3988. Leucobryum albidum (Brid.) Lindb. - base of live oak.
3989. Ditrichum pallidum (Hedw.) Hampe, on soil at bade of live oak.

February 24, 1984: MS: Hancock Co., ~ 8 mile northwest of Kiln off Hiway 43. Along Catahoula Creek. R15W, T6S, Sec. 18, SW 1/4, SE 1/4.

3990. Amblystegium varium (Hedw.) Lindb. on moist soil along Catahoula Creek.

3991. Fontinalis novae-angliae Sull. ; on tree root in Catahoula Creek (submerged).
3992. Odontoschisma prostratum (Sw.) Trev. on soil of sandy bank of Catahoula Creek.
3993. Scapania nemorosa (L.) Dum. - on moist soil of bank of Catahoula Creek mixed with Odontoschisma prostratum.
3994. Pallavacinia lyellii (Hook.) Carruth. on sandy soil of bank of Catahoula Creek.
3995. Fissidens taxifolius Hedw. - on soil of bank in woods near Catahoula Creek.
3996. Sphagnum palustre L.; wet ground in woods.
3997. Sphagnum cuspidatum Ehrh. ex Hoffm.; wet ground in woods.
3998. Sphagnum palustre L.; wet ground in woods.
3999. Leucolejeunea clypeata (Schwein.) Evans.; on Magnolia bark.
3999a. Lejeunea flava (Sw.) Nees.; on bark of Pinus sps.

February 24, 1984: MS: Hancock Co., ~ 2.75 Mile Southwest of junction 607 & 90 and ~.8 mile Northeast of weigh station along hiway 90. T9S, R16W, Sec. 12, NE¼. "Swampy" area.

4000. Sphagnum macrophyllum Bernh. ex Brid. var floridanum Aust., Aquatic.
4001. Isopterygium tenerum (Sw.) Mitt.; on rc
4002. Sphagnum
4003. Tortella humilis (Hedw.) Jenn.; on rotting log.
4004. Cheilolejeunea rigidula (Nees. et. Mont.) Schust. on bark of hardwood tree.
4005. Odontoschisma prostratum (Sw.) Trev. on bark at base of live oak.

February 24, 1984. MS: Hancock Co., ~2 mile north of Pearlington on west side of hiway 604. T9S, R16W, Sec. 9, SW1/4.

4006. Leucolejeunea unciloba (Lindenb.) Evans ; bark of Live Oak, mixed with Lejeunea glaucescens.

February 24, 1984., MS: Pearl River Co., ~1.8 mile west of Henleyville off Hiway 43. Turn west at Henleyville Baptist Church. T4S, R18W, Sec. 16.

4007. Lejeunea glaucescens Gott. ; on bark at base of Magnolia.
4008. Fissidens polypodioides Hedw. ; on bank along stream.
4009. Cephalozia lunulifolia (Dum.) Dum. ; on barkless log.
4010. Bryum capillare Hedw. ; on soil in a somewhat exposed site.
4011. Schlotheimia rugifolia (Hook.) Schwaegr. on bark of Laural Oak.
4011a. Endosthodon drummondii Sull. ; on sandy soil near stream.

February 24, 1984. MS: Pearl River Co., Crosby Arboretum

4012. Sphagnum perichaetiale Hampe ; on soil - exposed.
4013. Sphagnum cuspidatum Ehrh. ex Hoffm. ; on wet soil.

February 24, 1984: MS; Pearl River Co., ~4.7 mile west of Hiway junction 11 & 26 along Hiway 26 (south side). On exposed soil of bank. T3S, R16W, Sec. 5.

4014. Pogonatum brachyphyllum (Mx.) P. Beauv.

February 24, 1984 - MS: Newton Co., ~3.1 mile south of junction hiway 494 & 15 ~.4 mile east of hiway 15 on gravel road. Turn at Mt. Zion Methodist Church. T8N, R12E, Sec. 30.

4015. Scapania nemorosa (L.) Dum. on exposed soil of bank (clay).
4016. Herpetineuron toccoae (Sull. & Lesq. ex Sull.) Card.; on soil at base of hardwood.
4017. Ditrichum pallidum (Hedw.) Hampe.
4018. Campylium polygamum (BSG) C. Jens., on shaded soil.
4019. Amblystegium varium (Hedw.) Lindb.

March 2, 1984: MS: Webster Co. ca. 2 miles North of Maben. T20N, R12E, S20. 2° growth timber. w/ T.E. Smith

4020 Fissidens cristatus Wils. ex. Mitt. base of dead tree on soil.
4021
4022. Thelia hirtella (Hedw.) Sull.; on bark of hardwood.
4023.
4024. Fontinalis flaccida Ren & Card.; attached to tree root in Stream.
4025. Orthotrichum pusillum Mitt.
on bark of recently fallen tree ~20ft up from base.
4026. Phaeoceros laevis (L.) Prosk. subsp. carolinianus (Michx.) Prosk.
On soil in a at edge of creek.

4027. Diphysium foliosum (Hedw.) Mohr.; on shaded soil of stream bank.

March 7, 1984: MS: Oktibbeha Co., On calcareous rock of west facing slope. Slightly southeast of Harned Biology.

4028. Desmatodon plinthobius Sull. & Lesq.

March 8, 1984: MS: Carrol Co., Ca. 1 mile east of junction hiway's 82 & 35. Roadside Park along hiway 82. T19N; R4E; Sec. 20; NE 1/4; SE 1/4.

4029. Tortella humilis (Hedw.) Jenn.; on bark at base of tree.
4030. Odontoschisma prostratum (Sw.) Trev.; on sandy soil at base of tree.

March 8, 1984 AR: Montgomery Co., Ca. 1.2 mile east of junction forest service roads 177 & 85 along FSR 177. Along creek bank. T3S, R24W, Sec. 10, NW 1/4.

4031. Dicranum scoparium Hedw.; on soil.
4032. Bryoandersonia illecebra (Hedw.) Robins.; on soil
4033. Marchantia paleacea Bertol.; on soil of rock and rock stream bank.
4034. Odontoschisma denudatum (Nees ex Mart.) Dum.
4035. Calypogeia sullivantii Aust.; on thin soil over shale.

4036. Leucobryum albidum (Brid.) Lindb.; on soil at base of tree.

March 8, 1984 AR: Montgomery Co., Collier Springs. ca. mile east of hiway 27 on forest service Road . T3S, R24W, Sec. 17, NW1/4, SE1/4.

4037. Homomallium adnatum (Hedw.) Broth.; on rock near stream.
4038. Grimmia apocarpa Hedw.; on exposed rock.
4039. Grimmia alpicola Hedw. var. dupretii (Thér.) Grum; on exposed limestone
4040. Hedwigia ciliata (Hedw.) P.-Beauv.; on flat limestone.
4041. Riccardia multifida (L.) S. Gray; on limestone wall of spring.
4042. Conocephalum conicum (L.) Lindb.; on moist limestone wall of spring
4043. Amblystegium serpens (Hedw.) BSG var. juratzkanum (Schimp.) Rau. & Herv.; on limestone of Spring.
4044. Cephalozia lunulifolia (Dum.) Dum.; on soil of Spring.
4045. Amblystegium tenax (Hedw.) C. Jens.; on rock of spring.
4046. Dumortiera hirsuta (Sw.) Nees.; on rock in stream.
4047. Selaginella apoda (L.) Fernald; on rock in stream.
4048. Odontoschisma denudatum (Nees ex Mart.) Dum.; on soil over rock.
4049. Fontinalis missourica Card.; on rock in stream.
4050. Mnium
*4051. Mnium affine Bland. ex Funck. sensu latô; on moist soil of stream bank.
4052. Thudium recognitum (Hedw.) Lindb.; on limestone of spring.

March 9, 1984 AR: Howard Co; Shale outcrops along Baker Creek. Ca. 10.2 mile east of junctions 71 & 4 on 4, T55, R30W, Sec. 24, SW1/4.

4053. Brachythecium rivulare BSG.; on wet shale.
4054. Grimmia alpicola Hedw. var. rivularis; on moist shale crevices.
4055. Leucodon julaceus (Hedw.) Sull.; on tree trunk.
4056. Bryoandersonia illecebra (Hedw.) Robins.; on soil (exposed).
4057. Thelia hirtella (Hedw.) Sull.; on base of tree of oak.
mixed with Frullania kunzei.
4058. Frullania kunzei Lehm. et Lindenb.; on base of oak mixed with Thelia hirtella.
4059. Mannia fragrans (Balbis) Frye et Clark; on moist soil over shale.
4060. Bartramia pomiformis Hedw.; on moist, shady, shale slopes.
4061. Sciaromium lescurii (Sull.) Broth.; on moist shale slopes.
4062. Rhyncostegium serrulatum (Hedw.) Jaeg. & Sauerb.; on soil in shale crevices.
4063. Herpetineuron toccoae (Sull. & Lesq. ex Sull.) Card.; on base of stump.
4064. Porella pinnata L.; attached to rock in Baker Creek.
4065. Bryum pseudotriquetrum (Hedw.) Gaertn., Meyer & Scherb.; on moist soil over shale.
4066. Selaginella apoda (L.) Fernald.; on soil over shale.
4067. Fissidens cristatus Wils. ex Mitt.; in crevice of shale.
4068. Anomodon rostratus (Hedw.) Schimp.; on thin soil over shale and cedar trunck
4069. Weissia controversa Hedw.; on soil over shale
4070. Plagiochila asplenioides Schust.; on shaded, moist soil in shale crevice.
4071. Campylopus tallulensis Sull. & Lesq. ex Sull.; on shale.
4072. Frullania squarrosa (Reinw. et al.) Dum.; on cedar.

March 9, 1984 - AR: Polk County; prairie on southwest side of Mena Lake. First road past junctions 71 & 88 off 88. T2S, R30W, Sec. 16.

4073 Aulacomnium palustre (Hedw.) Schwaegr.; on soil of open prairie.
4074. Thudium minutulum (Hedw.) BSG.; on soil at base of elm.
4075. Ditrichum pallidum (Hedw.) Hampe.; on soil.
4076. Amblystegium varium (Hedw.) Lindb.; on soil of open prairie.
4077. Eurhynchium hians (Hedw.) Sande-Lac; on soil of prairie.
4078. Bryoandersonia illecebra (Hedw.) Robins.; on soil of prairie.
4078a. Weissia controversa Hedw.; on soil of prairie

March 9, 1984 - AR: Polk County; in small stream crossing hiway 71. Ca. 2.75 mile north on hiway 71 from junction 71 & 270 w. Small stream off Chances Creek. T1S; R30W, Sec 23

4079. Fontinalis flaccida Ren. & Card.; attached to rock of slow moving stream.
4080. Sphagnum subsecundum Nees ex Strum.; in stream and very wet areas at edge of mixed woods.

March 9, 1984 - AR: Scott County; ca. 5.5 miles south from junction 71 & 270 along hiway 71. In small stream of branch of Johnson Creek. T1N, R30W, Sec. 26.

4081. Fontinalis flaccida Ren & Card.; attached to rock in stream.
4082. Sphagnum subsecundum Nees & Strum. in stream and wet area at edge of woods.

March 9, 1984: AR: Sebastian Co., ca. .3 mile south of Witcherville along hiway 71. In prairie. T5N, R31W, Sec. 11, NE4

4083. Weissia controversa Hedw., on prairie soil.
?4084. Climacium americanum Brid. ; on soil of prairie near edge of woods.
4085. Brachythecium oxycladon (Brid.) Jaeg. & Sauerb.; on soil of prairie.
4086. Bryum pseudotriquetrum (Hedw.) Gaertn., Meyer. & Scherb. on soil of prairie.

March 9, 1984 AR: Sebastian Co.; Massard prairie. ca. 1 mile south of junction 71 & I540 along 71. T7N, R32W, Sec. 10.

4087. Orthotrichum pusillum Mitt.; on elm.
4088. Frullania inflata Gott., on bark of elm.
4089. Weissia controversa Hedw.; on soil of prairie.
4090. Atrichum angustatum (Brid.) BSG., on soil of prairie.
4091. Bryum bicolor Dicks.; on moist soil near prairie stream.
4092. Leskea gracilescens Hedw.; on bark at base of tree.
4092a. Amblystegium varium (Hedw.) Lindb. open prairie

March 10, 1984 - AR: Benton Co.; "Stump Prairie" ca. 1.6 north of junction 68 & 59 on hiway 59. East side of hiway. T18N, R33W, Sec. 28.

4093. Weissia controversa Hedw.; on prairie soil.
4094. Campylium chrysophyllum (Brid.) J. Lange.; on soil near intermittent stream.
4095. near intermittent stream
4096. Atrichum angustatum (Brid.) BSG; on soil of prairie.
4097. Ditrichum pallidum (Hedw.) Hampe.; on soil of prairie
4098. Clasmatodon parvulus (Hampe) Hook. & Wils. ex Sull. on trunk of elm.
4099. Frullania inflata Gott.; On bark at base of elm.

March 10, 1984. AR: Washington Co., ca. 0.4 mile east of Washington/Benton County line along hiway 16. Shale Roadcut. T16N, R33W, Sec. 6, NW4.

4100. Pholia nutans (Hedw.) Lindb.; on soil over shale.
4101. Leptobryum pyriforme (Hedw.) Wils. ; on soil over shale.
4102. Entodon seductrix (Hedw.) C.M.; on
4103. Brachythecium oxycladon (Brid.) Jaeg. & Sauerb.; on soil over shale.

March 10, 1984 - MO: Barry Co.; Pioneer. On east side of Shoal Creek at old dam site. Extensive limestone outcrop. T25N, R29W, Sec. 36, SE4.

4104. Hedwigia ciliata (Hedw.) P.-Beauv. ; on limestone
4105. Sciaromium lescurii (Sull.) Broth. ; on wet rock near stream.
4106. Aulacomnium palustre (Hedw.) Schwaegr. ; on soil near stream.
4107. Funaria hygrometrica Hedw.; on soil over limestone.
4108. Weissia controversa Hedw., on soil over limestone
4109. Grimmia laevigata (Brid.) Brid. ; on soil over limestone.
4110.

MO:
March 10, 1984 - Lawrence Co., ca. 0.5 mile north of junction hiways 174 & "O" & "T" on "O" then ca. 0.3 mile west. T28N, R25W, Sec. 23, NW4 and Sec. 14, SW4.

4111. Porella platyphylla (L.) Pfeiff. ; on west ledge of verticle sandstone.
4112. Odontoschisma prostratum (Sw.) Trev. ; on soil over sandstone.
4113. Mnium punctatum Hedw. ; on moist soil over sandstone.
4114. Philonotis fontana (Hedw.) Brid. var. caespitosa (Jur.) schimp. ; on soil of wet sandstone ledge
4115. Dicranum scoparium Hedw., on shaded soil.
4116. Weissia controversa Hedw. ; on soil
4117. Leskea obscura Hedw. ; on roots of Sycamore at base of vertical sandstone.
4118. Polytrichum juniperinum Hedw. ; on soil of sandstone slope.
4119. Grimmia laevigata (Brid.) Brid. ; on exposed sandstone.

4120. Thudium delicatulum (Hedw.) BSG.; on soil of sandstone slope.
4121. Scapania nemorosa (L.) Dum.; on moist soil over sandstone.
4122. Hypnum cupressiforme Hedw.; on soil over sandstone
4123. Anomodon attenuatus (Hedw.) Hüb.; on bark at base of tree.
4124. Climacium americanum Brid. ; on moist sandstone ledge.
4125. Isopterygium distichaceum (Mitt.) Jaeg. & Sauerb.; in crevice of sandstone.
4126. Hedwigia ciliata (Hedw.) P.-Beauv.; on exposed sandstone.
4127. Ditrichum pusillum (Hedw.) Hampe.; on shaded soil over sandstone.
4128. Polytrichum commune Hedw.; on shaded soil over sandstone
4129. Bryoandersonia illecebra (Hedw.) Robins.; on shaded soil over sandstone.
4130. Selaginella rupestris (L.) Spring; on thin soil over sandston
4131. Orthotrichum pumilum Sw.; on bark of oak along stream.
4132. Platydictya subtile (Hedw.) Crum; on bark at base of oak
4133. Frullania inflata Gott.; on bark of oak along stream.
4134. Brachythecium plumosum (Hedw.) BSG.; on thin soil over dipping sandstone.
4135. Porella pinnata L.; attached to sandstone in water.
4136 Atrichum angustatum (Brid.) BSG.; on shaded soil over sandstone.
4137. Sematophyllum adnatum (Mx.) E.G. Britt.; on bark at base of tree.
4138.

March 11, 1984 - MO: Dade Co.; "Bona Glade" ca. 1.4 mile east of junction 245 & 215 on north side of hiway 215. T33N, R25W, Sec. 32, SW4.

4141. Hedwigia ciliata (Hedw.) P.-Beauv.; thin soil over sandstone.
4142. Grimmia laevigata (Brid.) Brid.; thin soil over sandstone
4143. Ditrichum pallidum (Hedw.) Hampe; on soil over sandstone.
4144. Dicranum spurium Hedw.; on dry sandstone ledge.
4145 Ditrichum pallidum (Hedw.) Hampe; on soil.
4146. Thudium delicatulum (Hedw.) BSG.; on soil
4147. Entodon seductrix (Hedw.) C.M. on soil at base of tree.
4148. Isopterygium pulchellum (Hedw.) Jaeg. & Sauerb.; in crevice of sandstone ledge.
4149. Mannia fragrans (Balbis) Frye et Clark; on moist soil of sandstone ledge.
4150 Diphyscium foliosum (Hedw.) Mohr.; on sandstone under ledge.
*4151. Bryum algovicum Sendtn. ex C.M.; on moist sandstone ledge.
4152. Pleuridium subulatum (Hedw.) Rabh.; on sandy soil of sandstone ledge mixed with Bryum sp.
4153. Anomodon minor (Hedw.) Fürnr.; at base of oak.
4154. Aulacomnium heterostichum (Hedw.) BSG.; on soil over sandstone.
4155. Mnium punctatum Hedw.; on thin, moist soil over sandstone. Mixed with Mnium affine.

4156. Mnium affine Bland ex. Funck. sensu lato.; on thin, moist soil over sandstone.
4157. Bryum pseudotriquetrum (Hedw.) Gaertn., Meyer & Scherb.
4158. Anomodon rostratus (Hedw.) Schimp.; on soil over sandstone.
4159. Bryhnia graminicolor (Brid.) Grout; on moist sandstone.
4160 Climacium americanum Brid.; on sandstone; in a very moist depression of vertical sandstone.
4161. Ptychomitrium drummondii (Wils.) Sull.; on oak.
4162. Entodon seductrix (Hedw.) C.M.; on soil.
4163. Bartramia pomiformis Hedw.; on moist soil over sandstone.
4164. Thuidium delicatulum (Hedw.) BSG; on moist soil over sandstone
4165. Atrichum angustatum (Brid.) BSG; on soil over sandstone.
4166. Homomallium adnatum (Hedw.) Broth.; on bark at base of oak.
4167. Pylaisiella selwynii (Kindb.) Grum, Steere & Anders.; on decaying log.
4168.
4169. Fissidens bryoides Hedw.; on moist, shaded soil over sandstone.
4170. Dicranella heteromalla (Hedw.) Schimp.; on soil
4171. Leucobryum glaucum (Hedw.) Angstr. ex Fries; on soil
4172. Atrichum undulatum (Hedw.) P.-Beauv.; on moist soil along intermittent stream.
4173. Orthotrichum pusillum Mitt.; on oak.
4174. Lindbergia brachyptera (Mitt.) Kindb.; on oak.
4175. Leskea gracilescens Hedw.; on bark of oak. mixed with Frullania eboracensis Gott.

March 11, 1984 – MO: St. Clair Co.; "Buzzard's Bluff". ca. 1.3 mile north of junction 54 & "V" on "V". West on gravel road for ca. 0.9 mile: T37N, R26W, Sec 35, SE4 & NE4

4178. Polytrichum commune Hedw. var. perigoniale (Mx.) Hampe; on soil over sandstone.
4179. Dicranum spurium Hedw.; on soil over sandstone.
4180. Bryhnia novae-angliae (Sull. & Lesq. ex Sull.) Groot.; on thin soil over moist, shaded sandstone.
4181. Bryoandersonia illecebra (Hedw.) Robins.; on soil.
4182. Drummondia prorepens (Hedw.) E.G. Brit.; on bark of oak.
4183. Thelia asprella Sull.; on bark at base of tree.
4184. Leucobryum albidum (Brid.) Lindb.; at base of tree.
4185. Thuidium delicatulum (Hedw.) BSG.; on soil at base of tree.
4186. Pylaisiella selwynii (Kindb.) Grum, Steere & Anders.; on oak bark.
4187. Frullania squarrosa (Reinw., Blume & Nees) Nees.; on bark of oak.
4188. Frullania inflata Gott.; on oak.
4189. Hedwigia ciliata (Hedw.) P.-Beauv.; on soil over sandstone
4190. Grimmia pilifera P.-Beauv.; on thin soil over sandstone.
4191. Funaria hygrometrica Hedw.; on soil over an area previously burned.
4192. Thelia lescurii Sull.; on soil over sandstone.
4193. Odontoschisma prostratum (Sw.) Trev.; on moist soil over sandstone.

4194. Anomodon minor (Hedw.) Fürnr.; on bark at base of tree.
4195. Mannia fragrans (Balbis) Frye et Clark.; on thin soil over sandstone.
4196. Selaginella ruprestris (L.) Spring.; on soil over sandstone.
4197. Grimmia laevigata (Brid.) Brid.; on soil over sandstone.
4198. Climacium americanum Brid.; on moist soil over sandstone.
4199. Polytrichum commune Hedw.; on shaded soil over sandstone. Beneath Oak trees.
4200. Atrichum undulatum (Hedw.) P.-Beauv. var. oerstedianum (C.M.) Crum; on moist soil over sandstone.
4201. Polytrichum juniperinum Hedw.; on soil over sandstone.
4202. Anomodon rugelii (C.M.) Keissl.; on bark at base of tree.
4203. Haplohymenium triste (Ces. ex De Not.) Kindb.; on bark.
4204 Frullania eboracensis Gott.; on bark of tree.

March 12, 1984: MO: Taney Co.; The Ozark Underground Laboratory. ≈ 1.2 mile East of junc. 125 on 160 and ≈ 1 mile south of 160 and ≈ 1.2 mile east. T22N, R17W, Sec. 22.

4205. Porella pinnata L. - attached to limestone of seepage area.
4206. Anomodon viticulosus (Hedw.) Hook. & Tayl. - on limestone outcrop (moist).

4207. Anomodon rostratus (Hedw.) Schimp. - on moist limestone mixed with Porella pinnata.

4208. Thuidium delicatulum (Hedw.) BSG.; on soil of intermittent stream bank.

4209. Thelia asprella Sull., On bark at base of tree.

4210. Fissidens bushii (Card. & Thér.) Card. & Thér.; on soil along intermittent stream.

4211. Frullania Kunzei ~~(Lehm. & Lindenb.)~~ Lehm. & Lindenb.; on bark of cedar (Juniperus virginicus)

4212. Entodon seductrix (Hedw.) C.M.; on soil & bark at base of tree.

4213. Tortella humilis (Hedw.) Jenn.; on soil & bark at base of tree. mixed with Entodon seductrix.

4214. Atrichum angustatum (Brid.) BSG.; on soil.

4215. Orthotrichum ohioense Sull. & Lesq. ex Aust.

4216. Thelia hirtella (Hedw.) Sull.; on bark at base of tree.

4217. Leucodon julaceus (Hedw.) Sull.; on log.

4218. Amblystegium tenax (Hedw.) C. Jens.; on soil along stream.

4219. Clasmatodon parvulus (Hampe) Hook. & Wils. ex Sull.; on cedar.

4220. Weissia controversa Hedw.; on soil.

4221. Ceratodon purpureus (Hedw.) Brid.; on soil at base of tree.

4222. Homomallium adnatum (Hedw.) Broth.; on limestone of moist, shaded ravine

4223. Tortella humilis (Hedw.) Jenn.; on soil at base of tree.

4224. Mnium cuspidatum Hedw., on moist soil.

4225. Anomodon rugelii (C.M.) Keissl.; on bark at base of tree.

4226. Pylaisiella selwynii (Kindb.) Grum, Steere, & Anders.; on log.

4227. Lophocolea heterophylla (Schrad.) Dum.; on rotting log.

4228. Haplohymenium triste (Ces. ex De Not.) Kindb.; on log.

4229. Rhodobryum roseum (Hedw.) Limpr.; on shaded soil over limestone.

4230. Leucobryum albidum (Brid.) Lindb.; on soil at base of tree.
4231. Aulacomnium heterostichum (Hedw.) BSG., on soil over limestone.
4232. Dicranum scoparium Hedw.; on soil.
4233. Platydictya subtile (Hedw.) Grum.; on bark of oak.
4234. Campylium chrysophyllum (Brid.) J. Lange; on log.
4235. Thelia lescurii Sull.; on soil at base of tree.
4236. Polytrichum commune Hedw. var. perigonale (Mx.) Hampe; on soil.

March 13, 1984 - AR: Baxter Co.; At junction of 14 & 263 just as you turn south on hiway 263. T16N, R13W, Sec. 31, NW'1/4.

4237. Climacium americanum Brid.; on soil in spring.
4238. Fontinalis novae-angliae Sull.; in spring attached to rock.
4239. Philonotis muhlenbergii (Schwaegr.) Brid.; attached to soil in spring.

March 30, 1984: NC: Macon Co.; "Bridal Viel Falls"

4240. Pellia neesiana (Gott.) Limpr.; on soil near waterfall.
4241. Marchantia polymorpha L.; on soil near waterfall.
4242. Calypogeja muelleriana (Schiffn.) K. Müll.; on soil near waterfall.
4243. Scapania undulata (L.) Dum. on soil mixed with Calypogeja muelleriana & Scapania nemorosa.
4244. Scapania nemorosa (L.) Dum.; on soil mixed with Scapania undulata & Calypogeja muelleriana.

4244. Plagiothecium laetum BSG.; on soil over rock of waterfall.
4245. Calypogeja sullivantii Aust.; on soil over rock of waterfall.
4246. Philonotis fontana (Hedw.)Brid. var. pumila (Turn.) Brid.; on wet soil over rock of waterfall.
4247. Aulacomnium palustra (Hedw.) Schwaegr. on soil over rock of waterfall.
4247. Drepanocladus aduncus (Hedw.) Warnst. ; on soil over rock of waterfall.
4248. Polytrichum pallidisetum Funck; on soil over rock of waterfall.
4249. Jungermannia leiantha Grolle. ; on soil over rock of waterfall.
4250. Polytrichum longisetum Brid.; on soil over rock of waterfall.

March 30, 1984. NC: Macon Co.; "Dry Falls".

4251. Brachythecium oxycladon. (Brid.) Jaeg. & Sauerb.; on bank of woodland trail.
4252. Anomodon minor (Hedw.)Fürnr.; on bark of oak.
4253. Frullania inflata Gott.; on bark of hardwood.
4254. Mnium hornum Hedw., on soil over rocks of waterfall.
4255. Hypnum curvifolium Hedw. on moist soil along trail to falls.
4256. Conocephalum conicum (L.) Lindb.; on soil over rock beneath waterfall.
4257. Fissidens cristatus Wils. ex Mitt.; on moist soil along trail.
4258. Anomodon rugelii (C.M.) Kaissl.; mixed with 4257, on moist soil along trail
4259. Leucolejeunea unciloba (Lindenb.) Evans.; on bark of hardwood.
4260. Lejeunea ulicina (Tayl.)Gott.; on bark of hardwood; mixed with 4259.

4261. Brotherella tenuirostris (Bruch & Schimp. ex Sull.) Fl.; on bark of hardwood unmixed with 4259 & 4260.
4262. Odontoschisma prostratum (Sw.) Trev.; on moist soil along trail.
4263. Weissia controversa Hedw.; on soil along trail.
4264. Bartramia pomiformis Hedw., on soil along trail.
4265. Aulacomnium heterostichum (Hedw.) BSG.; on soil along trail.
4266. Riccardia multifida (L.) S. Gray.; on log along trail.
4267. Aneura pinguis (L.) Dum.; on log along trail.
4268. Isopterygium distichaceum (Mitt.) Jaeg. & Sauerb.; on rock near waterfall. Mixed with Calypogeja.

April 7, 1984 - AL: Tuscaloosa Co.; ca. 1 mile east of Holt Lock and Dam at Holt Lake. T21S, R9W, Sec. 1.

4269. Anomodon minor (Hedw.) Fürnr.; on bark ~ 3' up tree.
4270. Aulacomnium heterostichum (Hedw.) BSG. on soil over rock of verticle cliff.
4271. Eurhynchium pulchellum (Hedw.) Jenn.; on soil over rock of verticle cliff mixed with 4270 & Bartramia pomiformis.
4272. Radula sullivantii Aust.; on soil over rock of verticle cliff mixed with 4271, 4270, & Batramia.
4273 Chiloscyphus pallescens (Ehrh.) Dum.; on soil over rock of verticle cliff mixed with 4271, 4270, 4272 & Batramia.
4274. Entodon macropodus (Hedw.) C.M.; on thin soil over rock.
4275. Amblystegium tenax (Hedw.) C. Jens.; on wet rock.

4276. Ptychomitrium incurvum (Schwaegr.) Spruce, in crevice of dry rock.
4277. Anomodon rostratus (Hedw.) Schimp.; on thin soil over rock of cliff.
4278. Ctenidium molluscum (Hedw.) Mitt.; on soil of north facing slope.
4279. Lophocolea heterophylla (Schrad.) Dum.; on rotting log.
4280. Bryoandersonia illecebra (Hedw.) Robins.; on soil of North slope.
4281. Radula australis Aust.; on soil over log.
4282. Orthotrichum stellatum Brid.; on bark of hardwood of North Slope
4283. Forsstroemia trichomitria (Hedw.) Lindb.; on bark of hardwood.
4284. Anomodon viticulosus (Hedw.) Hook & Tayl.; on thin soil over calcareous rock of moist north slope.
4285. Jamesoniella autumnalis (DC.) Steph. ; on shaded soil mixed with other bryophytes.
4286. Asterella tenella (L.) P. Beauv.; on moist soil over rock of north slope.
4287. Bartramia pomiformis Hedw.; on soil over rock of north slope.
4288. Porella pinnata L.; on moist soil of rock on north slope.
4288a. Crossotolejeunea bermudiana Evans; on soil over limestone (moist)
4288b. Marchantia domingensis Lehm. et Lindenb.; on moist soil over l.s.

April 7, 1984 - AL. Bill Co., ca. 3.5 mile west of Sixmile. T24N, R5W, Sec. 34, SE4. At Cothinghem Creek.

4289. Mnium affine Bland. ex Funck. sensu lato.; on soil along creek.
4290. Lejeunea cladogyna Evans.; on soil along creek.
4291. Conocephalum conicum (L.) Lindb.; on soil next to creek.
4292. Fissidens fontanus (B.- yl.) Steud.; attached to rock in creek.

MS:
May 6, 1984: Clark Co; Along Souinlovey Creek off Hiway (Intersate) 59. R14E, T13N, Section 17. Keith Clancey.

4292. Itea virginica L.

May 6, 1984 MS: Jones Co; On roadbank along Hiway 15 ca. 4.5 mile north of Perry / Jones county line. R10W, T6N, Sec. 17. Keith Clancy

4293. Aletris farinosa L.

May 6, 1984, MS: Jackson Co., In Savanna R5W, T7S, Sec. 6. ca. .9 mile east of hiway 63. Keith Clancy
Along Sarracenia Drive.

4294. Calypogon pulchellus (Salisb.) R.Br.
4296.
4297. Zigadenus densus (Desr.) Fern.
4298 Eriocaulon compressum Lam.
4299. Sarracenia alata (Wood) Wood.
4300. Asclepias viridula Chapm.
4301 Lycopodium
4302. Drosera brevifolia Pursh.

May 7, 1984 MS: Jackson Co; ca. 2 mile east of Pascagoula in ditch on south side of Hiway 90. R5W, T7S, Sec. 27.

4303. Saururus cernuus L.

4304. Pontederia cordata L.

May 7, 1984. MS: Jackson Co., Along hiway 90 ca. 1.5 mile west of hiway 57. On roadside bank. R7W, T7S, Sec. 25.

4305. Sarracenia psittacina Michx.
4306. Polygala lutea L.

May 7, 1984. MS: Jackson Co., In Savanna. On west side of Pecan Road ca. .3 mile south of Hiway 90. T7S, R4W, Sec. 7.

4307. Sarracenia leucophylla Raf.
4308. Coreopsis nudata Nutt.
4309. Aletris lutea Small
4310 Utricularia radiata Small
4310a. Cleistes divaricata (L.) Ames.
May 7, 1984. MS: Jackson Co.; At junction of hiway 10 & 90. In savanna. T7S, R4W, Sec. 6.

4311. Asclepias lanceolata Walt.
4312. Buchnera floridana Grand.
4313. Sisyrinchium angustifolium Mill.

May 8, 1984. MS: Pearl River Co., ca. 1 mile north of Picayune. ca. .2 mile west of hiway 11. T6S, R17W, Sec. 2. Savanna.

4314. Xyris baldwiniana Schultes in R. & S.

4315. Pogonia ophioglossoides (L.) Ker-Gawl.
4316. Polygala nana (Michx.) DC

May 10, 1983.

4317. Clematis crispa L.
4318. Penstemon digitalis Nutt.

May 10, 1984. MS.

4319. Penstemon digitalis Nutt.
4320. Berchemia scandens (Hill) K. Koch.
4321. Hedyotis purpurea (L.) T. & G.

May 19, 1984. TN. Wayne Co., On moist rock along stream (Glenwood Branch).

4322. Dumortiera hirsuta (Sw.) Nees;

May 19, 1984: TN. Lewis Co., Meriwether Lewis Campground.

4323. Salvia urticifolia L. in rocky woodlands.
4324.
4325.
4326. Cannabis sativa L. Cannabaceae in campground

4327
4328. Fissidens fontanus (B.-Ply.) Steud.

May 20, 1984 AL., Winston Co. Trail along Brushy Lake. T8S, R7W, Sec. 4. Ca. 5.5 mile southwest of Pool off Forest Service Rd. 245. with Daryl Maddox.

4329 Kalmia latifolia
4330
4331
4332
4333
4334 Tiarella cordifolia

May 21, 1984 AL., Lawrence Co., Along Hubbard Creek. T8S, R9W, Sec. 32 Ca. 4 mile north of Rabbittown off Forest Service Rd. 210.

4335. Matelea
4336 Leucolejeunea clypeata (Schwein.) Evans.; on ss ledge
4337
4338 Fissidens subbasilaris Hedw.; in crevice of sandstone ledge.
4339 Odontoschisma prostratum (Sw.) Trev.; on sandstone ledge.
4340 Fissidens polypodiodes Hedw. on sand bank along creek.
4341 Asterella tenella (L.) Beauv.; on soil over ss along creek.
4342 Syrrhopodon texanus Sull.; in crevice of sandstone rock.
4343 Conocephalum conicum (L.) Lindb.; on moist sandstone ledge.
4344

May 21, 1984, AL: Winston Co. Along Forest Service Road 245 ca. 3 mile east of Brushy Creek Campground.

4345. *Rhododendron*
4346. *Coreopsis*
4347. *Psorela*

May 22, 1984. Winston Co., Along Sipsey River off Hiway 26 ca. 3 mile southwest of junction hiway 26 and 33. At Sipsey River recreation site. On moist soil near falls.

4348. *Medeola virginiana* L.

June 13, 1984. MS: Attala Co., T16N, R9E, Sec. 11. In "swamp" area off gravel road ca. .5 mile east of paved road. Ca. 1.5 mile west of hiway (Natchez Trace).

4349. *Aulacomnium palustre*
4350. *Pallavacina*

July 3, 1984. MS. Oktibbeha Co., T20N, R15E, Sec. 16, SW 1/4. Chalk prairie near church off blacktop. with Ginger Morgan.

4351 *Chamaecrista fasciculata* (Michx) Greene Fabaceae

4352 Ratibita pinnata (Vent.) Barnh. Asteraceae

4353. Linum medium (Planch.) Britt. Linaceae

4354. Liatris squarrosa (L.) Michx. Asteraceae

4355. Hedyotis nigricans (Lam.) Fosberg Rubiaceae
4356. Ruellia humilis Nutt. Acanthaceae
4357. Sabatia angularis (L.) Pursh Gentianaceae
4358. Lobelia spicata Lam. Campanulaceae
4359. Neptunia lutea (Leavenw.) Benth. Fabaceae

July 3, 1984. MS: Oktibbeha Co., Along hiway 82 (old) between 82 overpass & old 82 & 45 hiway. T19N, R15E, Sec. 25, 26 & 27. with Ginger Morgan.

4360. Silphium laciniatum L. Asteraceae
4361. Manfreda virginica (L.) Salisb. Agavaceae
4362. Helenium amarum (Raf.) Rock Asteraceae
4363. Liatris squarrosa (L.) Michx. Asteraceae
4364. Rudbeckia hirta L. Asteraceae
4365. Asclepias viridis Walt. Asclepiadaceae
4366. Ludwigia peploides ssp. var. glabrescens (Kuntze) Shinners Onagraceae

complete

July 6, 1984. KS. Sumner Co., ca. 4.0 Km West of Caldwell. Along FAS 788. T 35S R3W S5 W1/2. Lat. 37° 02' Long. 96° 59'. Roadside Prairie

4367. Argemone polyanthemos (Fedde) G. Ownbey ; roadside Papaveraceae
4368. Teucrium canadense L. ; prairie Lamiaceae
4369. Torilis arvensis (Huds.) Link. ; ditch Apiaceae
4370. Convolvulus arvensis L. ; roadside Convolvulaceae
4371. Helianthus annuus L. ; prairie Asteraceae
4372. Verbena stricta Vent; Prairie Verbenaceae
4373. Asclepias viridiflora Raf. ; prairie Asclepiadaceae
4374. Apocynum cannabinum L. ; along roadside Apocynaceae
4375. Ipomoea leptophylla Torr. ; prairie Convolvulaceae
4376. Rhus glabra L. ; along stream bank Amaranthaceae
4377. Populus deltoides Marsh. ; along creek bank Salicaceae
4378.
4379. Ulmus americana L. ; along roadside
4380. Elymus villosus Muhl. ; along roadside Poaceae
4381. Dalea purpurea var. purpurea Vent. Fabaceae, prairie
4382. Calylophus serrulatus (Nutt.) Raven ; prairie Onagraceae
4383. Amorpha fruticosa L. ; along roadside Fabaceae
4384. Setaria viridis (L.) Beauv. ; along roadside Poaceae
4385. Rumex crispus L. ; along roadside Polygonaceae
4386. Sapindus drumondii H. & A. ; along roadside Sapindaceae
4387. Asclepias asperula (Decaisne) Woodson var. decumbens Shinners
4388. Physalis hederifolia var. comata (Rydb.) Waterfall ; along roadside Solanaceae
4389. Erigeron strigosus Muhl. Asteraceae
4390. Achillea millefolium L. Asteraceae

4391. Ratibida columnifera (Nutt.) Wooton & Standl. Asteraceae
4392. Rudbeckia hirta L. Asteraceae
4393. Coreopsis tinctoria Nutt. Asteraceae
4394. Prunus angustifolia Marsh. Rosaceae
4395. Desmodium illinoense Gray Fabaceae
4396. Engelmannia pinnatifida T. & G. Asteraceae
4397. Dalea enneandra Nutt. Fabaceae
4398. Dalea aurea Nutt. Fabaceae
4399. Hedyotis nigricans (Lam.) Fosb. Rubiaceae
4400 Mentzelia oligosperma Nutt. Loasaceae
4401. Asclepias asperula (Dcne.) Woods.; prairie Asclepiadaceae
4402. Echinacea angustifolia DC Asteraceae
4403. Asclepias stenophylla Gray Asclepiadaceae
4404. Dalea candida Willd Fabaceae
4405. Stenosiphon linifolius (Nutt.) Heynh. Onagraceae
4406. Rhus aromatica
4407 Asclepias syriaca L.; prairie Asclepiadaceae

July 7, 1984. KS: Sumner Co. Along Hwy. 81 ca. 1.6 km West of Drury. T34SR2WS35 Lat. 37°02' Long 97°29'

4408 Gleditsia triacanthos L.; along roadside
4409 Linaria vulgaris Hill; along roadside in ditch.
4410 Morus alba L.; along roadside
4411. Ulmus americana L., thickets
4412. Prunus mexicana S. Wats.; in thickets.

July 7, 1984. KS: Sumner Co.,
Near junc. I35 & 166 on north side of hiway
166. Drainage Area. T34S R1E S29
Lat. 37°03' Long 97°20'.

4413 Panicum virgatum L.; prairie
4414 Bouteloua curtipendula (Michx.) Torr.; prairie
4415 Lolium perenna L.; Roadside
4416
4417 Cyperus setigerus Torr. & Hook.; muddy creek bottom.
4418 Xanthium strumarium L.; ditch
4419 Vitis riparia Michx.; along creek bank.
4420 Typha latifolia L.; wet areas along roadside. Typhaceae
4421 Salix nigra Marsh. Salicaceae
4422 Phytolacca americana L.; waste ground.
4423
4424
4425. Desmanthus illinoensis (Michx.) MacM.; Prairie Fabaceae
4426 Silphium laciniatum L.; prairie

July 7, 1984. KS: Sumner Co.; ca. 2.4 Km N. of H166 along FAS 737.
T34S R2E S.19 Lat. 37°06' long. 97°13'

4427 Solanum carolinense L.; along roadside Solanaceae
4428 Scirpus americanus Pers.; wet ditch along roadside
4429 Apocynum cannabinum L.; Apocynaceae moist area along roadside
4430 Ruellia humilis Nutt.; prairie Acanthaceae
4431 Amorpha canescens Pursh.; Prairie
4432 Solanum rostratum Dunal.; along roadside
4433 Celtis tenuifolia Nutt. Along roadside.

4434 Tradescantia ohiensis Raf.; Prairie Commelinaceae
4435 Tripsacum dactyloides L.; along roadside - prairie
4436 Euphorbia corollata L.; prairie
4437 Schrankia nuttallii (D.C.) Standl.; prairie
4438 Ambrosia artemisiifolia L.; along roadside
4439 Lepidium virginicum L.; along roadside.
4440
4441
4442
4443
4444
4445
4446
4447
4448
4449
4450 Andropogon saccharoides Sw.; Prairie
4451 Callirhoe involucrata (T. & G.) Gray; Prairie Malvaceae
4452 Chamaesyce maculata (L.) Small waste ground Euphorbiaceae
4453 Vernonia baldwini Torr.; prairie
4454 Lactuca scariola L.; along roadside
4455 Cirsium undulatum (Nutt.) Spreng.; along roadside Asteraceae
4456 Boehmeria cylindrica (L.) Sw.; wet area along road Urticaceae
4457 Asclepias speciosa Torr.; along roadsides. Asclepiadaceae
4458 Dracopis amplexicaulis (Vahl) Cass. Asteraceae; sandy prairies Asteraceae
4459 Lotus corniculatus L.; along roadside Fabaceae

July 7, 1984. KS: Sumner Co.
Along Hiway 166 at junction of hiway 166 & I35 overpass. T34S R1E S29 Lat. 37° 03' Long. 97° 20'

4460. Silphium speciosum Nutt.; Roadside Asteraceae

July 7, 1984. KS: Sumner Co. ca. 8.0 km South
Along hiway 49 south of Conway Springs. T31S R3W S33 Lat. 37° 19' Long. 97° 39'.

4461. Hypericum perforatum L.; along roadside Clusiaceae
4462 Amaranthus hybridus L.; along roadside Amaranthaceae
4463 Cynanchum laeve (Michx.) Pers. Growing over fence.
4464 Cephalanthus occidentalis L.; in moist ditch.
4465 Verbena bracteata Lag. & Rodr. Along. Roadside Ditch.
4466 Sambucus canadensis L.; along roadside

July 7, 1984. KS. Sumner Co., about 4.0 km SW of Caldwell. T35S R3W S18 Lat. 37° 01' Long 97° 40'

4467 Monarda fistulosa L.; in sandy prairie Lamiaceae
4468 Quincula lobata (Torr.) Raf. along roadside Solanaceae
4469 Gaura parviflora Dougl.; Sandy Prairie Onagraceae
4470 Tragia betonicifolia Nutt.; Sandy Praririe Euphorbiaceae
4471 Mentzelia decapetala (Pursh) Urban & Gilg. = Rocky Prairie Loasaceae
4472 Opuntia macrorhiza Engelm.; Sandy prairie Cactaceae
4473 Heterotheca stenophylla (Gray) Shinners; sandy prairie
4474 Baptisia australis (L.) R. Br.; Sandy prairie
4475 Saponaria officinalis L.; along roadside Caryophyllaceae
4476 Lespedeza thunbergi (DC) Nakai; along roadside Fabaceae
4478 Maclura pomifera (Raf.) Schneid.; fence row.
4479 Commelina erecta L.; along roadside Commelinaceae
4480 Cucurbita foetidissima H.B.K.; along roadside Cucurbitaceae
4481 Catalpa speciosa Warder; along roadside

4482 Chenopodium berlandieri Moq.; along roadside (Chenopodiaceae)
4483 Solanum elaeagnifolium Cav. along roadside (Solanaceae)
4484 Tribulus terrestris L.; waste ground
4485 Croton capitatus var. Lindheimeri (Engelm. & Gray) Muell. Arg. (Euphorbiaceae)
4486 Juniperus virginiana L.; along roadside
4487 Acer saccharinum L.; in yard
4488 Gymnocladus dioicus (L.) K. Koch.; in yard.
4489. Jugulans nigra L.; along roadside

July 8, 1989 OK. McClain Co., Senic overlook off I 35 - Arbuckle Mountains

4490. Palafoxia sphacelata

July 8, 1984. AR: Ashley Co., Along hiway 82 ca. 30 mile west of junct 82 & 65.

4491 Pycnanthemum muticum (Michx.) Pers. Lamiaceae
4492 Tephrosia onobrychoides Nutt. Fabaceae
4493. Rudbeckia grandiflora var. alismaefolia (T. & G.) Cron. along roadside at edge of woods.

July 13, 1984 MS: Noxubee Co., 3.7 miles north of Noxubee & Kemper Co., Line. On bank of ditch near water.

4494 Ipomoea purpurea (L.) Roth. Convolvulaceae

July 13, 1984 MS: Kemper Co., T10N, R18E, Sec. 31, SW1/4 Along hiway 45. Cut over Pine forest.

4495. Tradescantia ohiensis Raf. Commelinaceae
4496. Ruellia strepens L.
4497. Heliotropium indicum L. Boraginaceae
4498 Sabatia brachiata Ell. Gentianaceae
4499 Polygala mariana Mill.
4500 Coreopsis major Walt.
4501 Helianthus divaricatus L. Asteraceae
4502 Helianthus tomentosus Michx.
4503 Liatris squarrosa (L.) Michx. Asteraceae

July 13, 1984. MS. Forrest Co., In "Savanna" along hiway 11 ca. 1.2 southwest of I59. T3N, R13W, S7, NW1/4.

4504. Silphium asteriscus L.
4505
4506
4507 Eupatorium rotundifolium L.
4508 Sabatia gentianoides Ell. Gentianacae

4509
4510 Helianthus divaricatus L. Asteraceae
4511 Hibiscus aculeatus Walt.
4512 Aletris aurea Walt.
4513 Polygala ramosa Ell. Polygalaceae
4514 Pycnanthemum muticum (Michx.) Pers.
4515 Polygala chapmanni T. & G. Polygalaceae
4516 Lactuca canadensis L.
4517 Sarracenia alata Wood
4518 Eriocaulon decangulare L.
4519 Eupatorium fistulosum Barratt
4520 Centrosema virginianum (L.) Benth.
4521 Rhexia alifanus Walt.
4522 Stylosanthus biflora (L.) BSP
4523 Melanthium virginicum L.

July 13, 1984. MS. Pearl River Co., Along hiway 11 ca. 3.5 mile southwest of Poplarville. Wet area. T3S, R16W, S15, SE¼.

4524 Glandularia pulchella (Sweet) Troncoso Verbenaceae
4525 Stokesia laevis (Hill) Greene
4526 Erigeron strigosus Muhl. ex Willd.

July 13, 1984. MS. Pearl River Co., Savanna. Just off hiway 11 ca. .5 mile north of Picayune. T6S, R17W, Sec. 2.

4527 Sesbania punicea (Cav.) Benth. in Mart.

July 13, 1984. MS., Hancock Co., Savanna. T 7S, R16W, S9, NE4.
Savanna/Pine woods ca. 4.5 m south of hiway 43.
On west side of Blacktop.

✓4528 Pluchea camphorata (L.) DC. Asteraceae
✓4529 Buchnera americana L.
✓4530 Platanthera nivea (Nutt.) Luer
✓4531 Sabatia campanulata (L.) Torr.
✓4532 Polygala brevifolia Nutt.
✓4533 Tofieldia racemosa (Walt.) BSP. Liliaceae
✓4536 Lophiola aurea Ker-Gawl.
✓4537 Tarodium ascendens Brongn.
✓4538. Hypericum brachyphyllum (Spach) Steud. Clusiaceae
✓4534. Lachnanthes caroliniana (Lam.) Dandy.

July 15, 1984. MS. Oktibbeha Co.. ca. 2 mile northeast of Sturgis
along hiway 12. T17N, R12E, S2, NW4.

✓4539. Tradescantia virginiana L. along hiway 12 in open area.
Commelinaceae

July 21, 1984: MO:
Roadside park 1.5 mile north of

✓4540. [redacted] Centaurea maculosa Lam. disturbed ground
4541. Dianthus armeria L. disturbed ground. Caryophyllaceae

July 21, 1984: MO: Greene Co., in field near junction 65 and sunshine in Springfield, mo.

4542. Monarda fistulosa L. disturbed ground.
4543. Silphium integrifolium

July 21, 1984, MO: Polk Co., La Petita Gemma Prairie ca. 2.4 Km W of Hwy 13. Lat. 37°36' & Long. 93°22' T33N R22W S25.

4544. Liatris pycnostachya Michx. prairie
4545. Sabatia angularis (L.) Pursh, prairie Gentianaceae
4546. Lysimachia quadriflora Sims, wet depression in prairie. Primulaceae
4547.
4548. ~~Petalostemum candidum~~ Fabaceae Dalea candida Michx. ex Willd. Scattered in prairie
4549. Buchnera americana L. Scrophulariaceae Scattered in prairie.
4550. Linum rigidum Pursh Linaceae Scattered in Prairie.
4551. Euphorbia corollata L. Euphorbiaceae Scattered in prairie.
4552. Bouteloua ~~curtipendula~~ curtipendula (Michx.) Torr. Scattered in prairie
4553. Pycnanthemum tenuifolium Schrad. Scattered in prairie.
4554. Asclepias sullivantii Engelm. ex Gray Asclepiadaceae widely scattered in prairie.
4556. Parthenium integrifolium L. Scattered in prairie.
4557. Helinium flexuosum Raf. Asteraceae
4558. Echinacea pallida (Nutt.) Nutt. Asteraceae Scattered and locally abundant on prairie.
4559. ~~Gaura~~ Gaura parviflora Dougl. Onagraceae widely scattered in prairie.
4560. Ratibida pinnata (Vent.) Barnh. Scattered and locally abundant in prairie.
4561. Solidago gigantea Ait. Scattered on prairie.
4562. Eryngium yuccifolium Michx. Apiaceae widely scattered in prairie.
4563. Rudbeckia hirta var. pulcherrima Farw. Scattered and locally abundant
4564. Polygala sanguinea L. widely scattered on prairies

4565. Helianthus mollis Lam. Scattered and locally abundant.
4567. Lespedeza ~~virginica~~ cuneata (Dumont) G. Don, Scattered.

July 22, 1984 - MO: Lawrence Co., 0.5 mile north of hiway 174 and "T" & "O" on "O"., ~ 0.3 mile west of hiway "O". R28N, R25W, Sec. 23, Lat. 37° 11' Long. 93° 36'

4568. Helianthus strumosus L. Open woods.
4569. Platanus occidentalis L. Woods.
4570. Polygonum hydropiperoides Michx. in water.
4571
4572 Amelanchier arborea (Michx. f.) Fern. woods.
4573 Prunus
4574 Porteranthus stipulatus (Muhl. ex. Willd.) Brit. Open woods. Rosaceae
4575. Prunella vulgaris L. Lamiaceae Low woodland. Lamiaceae
4576
4577.
4578.
4579
4580 Croton willdenowii Webster Euphorbiaceae
4581 ~~Quercus~~ Quercus
4582. Erigeron strigosus Muhl. Open woods.
4583 Salix caroliniana Michx. Edge of stream.
4584. Pycnanthemum tenuifolium Schrad. Open woods. Lamiaceae
4585. Parthenocissus quinquefolia (L.) Planch. Vitaceae Open woods.
4586. ~~Hydrolea uniflora Raf.~~ Chasmanthium latifolium (Michx.) Yates
4587.
4588. Cephalanthus occidentalis L. near stream.

4589.
4590
4591. Quercus
4592. Carya cordiformis (Wang.) K. Koch Woods.
4593. Pilea pumila (L.) A. Gray Woods
4594.
4595
4596 OK Plantago rugelii Dene. open woods.
4597. Commelina communis L. Commelinaceae
4598. Parietaria pensylvanica var. pensylvanica Muhl. Urticaceae
4599.
4600 Hypericum mutilum L. Clusiaceae St. John's Wort
4601 OK Sassafras alba L. Edge of woods.
4602 OK Vitis aestivalis Michx. Woods.
4603
4604 OK Smilax hispida Muhl. Woods
4605 OK Quercus marilandica Muenchh. Woods
4606.
4607. Quercus alba L. woods
4608. Hypericum mutilum L. Clusiaceae St. John's Wort
4609 OK Ludwigia alternifolia L. Near Stream in woods.
4610 OK Ulmus rubra Muhl. In woods.
4611 OK ~~Ludwigia~~ Morus rubra L. In woods.
4612 OK Vernonia baldwinii Torr. Edge of woods.
4613. Opuntia humifusa (Raf.) Raf.
4614 Juniperus virginiana L. Edge of woods.
4615 Chrysopsis villosa var. angustifolia (Rydb.) Cronq.
4616 Chrysopsis pilosa Nutt. Open area near woods.

4617. Hypericum punctatum Lam. Open area edge of woods.
4618 Asclepias verticillata L. Asclepiadaceae
4619 Hypericum drummondii (Grev. & Hook.) T.G. Rocky area.
4620. Allium canadense L. Rocky area.
4621.
4622
4623 Ruellia humilis Nutt. Rocky prairie.
4624
4625.
4626 Dryopteris marginalis (L.) Gray In woods.
4627 Asplenium bradleyi D.C. Eat.
4628. Dryopteris marginalis (L.) Gray In woods
4629. Tradescantia ohiensis Raf Commelinaceae
4630 Elymus virginicus L. open area near woods.
4631 Quercus marilandica Muench. In open.
4632 Allium canadense L. open area.
4633 Rhus aromatica
4634
4635
4636 Rhus copallina var. latifolia Engler In woods. R. copallina var. latifolia Engler
4637. ~~Carya~~ Fraxinus pennsylvanica Marsh. Woods.
4638. ~~Carya~~ Fraxinus pennsylvanica Marsh. Woods.
4639. Vaccinium arboreum Marsh. Rocky open area.
4640. Fontinalis missourica Card.; Frequent in stream.
4641 Climacium americanum Brid. var. kindbergii Ren. & Card.
4642 Solenostoma hyalinum (Lyell in Hook.) Mitt.; intermittent shade on soil
4643. Amblystegiom tenax (Hedw.) C. Jens.; on rock with water flowing over.
4644. Fissidens bryoides Hedw.; on soil in sandstone crevis.

4645. Polytrichum commune var. perigoniale (Mx.) Hampe; on exposed sandsto
4646. Campylopus tallulensis Sull. & Lesq. ex Sull.; on sandstone.
4647. Scapania nemorosa (L.) Dumort.; mixed with C. tallulensis.
4648. Calypogeia muelleriana (Schiffn.) K. Müll.; on moist sandstone
4649. Fontinalis missourica Card.; frequent in stream
4650. Climacium americanum Brid., frequent on sandstone ledge.

July 26, 1984. MO: Cass County. ca. 1.8 km E. of TT and 3.0 km W. of T. T44N R30W §31. Lat. 38° 31' Long. 94° 10'

4651. Belamcandra chinensis (L.) DC. Iridaceae
4652. Lythrum alatum Pursh Lythraceae

July 28, 1984 MN.
Lake Minnetonka with Dale Fehrenbach. Aquatic.

4653. Potomageton Nodosus Poiret Potamogetonaceae
4654
4655

July 28, 1984. MN.
Excelior Area. with Jerod Fehrenbach. Along star Circle Drive. Edge of Woods.

4656.
4657
4658 Euphorbia
4659. Oenothera
4660

4661. Erigeron
4662. Cornus
4663. Solanum dulcamara
4664
4665

July 31, 1984. MO: Webster Co, Along railroad (San Francisco St. Louis) ca. 2.5 mile east of junction hiway "Z" and 60. T29N, R18W, S35, NE4. Lat. 37° 09' Long. 92° 50'

4666. Solidago

Aug. 2, 1984: MS. Webster Co.,

4667. Habinaria
4668.
4669.

Aug. 2, 1984. MS: Choctaw Co.,

4670. Crotalaria

August 6, 1984. Maynas, Peru – Iquitos. Department of Loreto, ca. 5 ~~Northeast~~ Southwest of Airport
Area forested and cleared in places.

4671. Prionolejeunea picta Gott. ex Steph. & Fissidens
On tree in forest.

4672. Fissidens pauperculus Howe var. surinamensis Florsch.
On roots at water level of pool in forest.

4673. Rectolejeunea brittoniae Evs. & Sematophyllom subsimplex (Hedw.) Mitt.
On bark of tree in forest.

4674.
On log in forest.

4675. Pilosium chlorophyllum (Hornsch.) C. muell. in Broth.
On log in forest

*4676.
On leaves and stem of a epiphyte on log ~~of~~ at edge of forest & clearing.

4677 Zoopsis integrifolia (Spruce) Stephani; Leucobryum martianum (Hornsch.) Hampe Pilosium chlorophyllum (Hornsch.) C.M.; Micropterygium leiophyllum Spruce; ↓
On tree along roadside. / Pictolejeunea spruceï Grolle;
Zoopsis integrifolia (Spruce) Stephani

4678.
On tree along roadside.

4679.
On log in forest

4680.
On stump in clearing.

4681.
On log in forest

4682.
on log. in forest

4683.
an epiphyte on leaf in forest.

4684.
on roots in small forest pool.

4685.
On log in forest.

4686. Micropterygium leiophyllum Spruce; Taxithelium planum (Brid.) m.H.; Meiotherium revolubile m.H.; Sematophyllum subsimplex (Hedw.) m.H.; and Leucobryum martianum (Hornsch.) Hampe
On log in forest.

4687. Octoblepharum cylindricum Mont. & Campylopsus surinamensis C.M.
On stump in cleared area near forest.

4688. Isopterygium tenerum (Sw.) m.H. & Lopholejeunea subfusca (Nees) Steph.
On soil at edge of stream in cleared area near forest.

4689.
At base of tree in forest

4690. Octoblepharum albidum Hedw.; Dicranella hilariana (mont.) m.H.; and
On log in forest Campylopus surinamensis C.M.

4691. Campylopus surinamensis C.M. & Campylopus savannarum C.Muell.
On soil of trail into forest. — cleared area - grassy.

4692. Campylopus surinamensis C.M. & Campylopus savannarum C.M.;
On soil of trail into forest - cleared area - grassy.
Acroporium pungens (Hedw.) Broth.; Kingiolejeunea ornata Robins.; & Syrrhopodon simmondsii Steere

4693.
on very rotten log.

August 7, 1984. Maynas, Department of Lorreto, Peru. Forested area along the first tributary off the Rio Nanay. About 2 miles west of the Rio Nanay.

4694

Epiphyte on leaves.

4695.

On tree. when peel bark tree emits strong pleasant odor. Abundant.

4696.

On tree trunk. frequent.

4697.

On log - Abundant

4698.

On rotting stump. Abundant.

4699.

On clay, probably where a tree once existed.

4700

On tree at base. Sparse

4701.

Epiphyte & pendant on shrub. On leaves, and stems and also hanging. Frequent

4702.

Adnate to bark of shrub. Abundant

4703

On roots. Sparse

4704.
Thick mats on bark of tree. Very Abundant

4705.
On tree trunk. Abundant
Calli costella pallida (Hornsch.) Jaeg. ; Lejeunea flava (Sw.) Nees

4706. Trichosteleum fluviale (Mitt.) Jaeg. ; Riccardia
On rotten log. Abundant.

4707. Neckeropsis disticha (Hedw.) Kindb.
On stems of shrub. Frequent

4708 Trichosteleum fluviala (Mitt.) Jaeg.
On rotten log near Rio Nanay. Abundant

4709. Ceratolejeunea cubensis (mont.) Schiffn.
On tree trunk. Abundant

4710 Thuidium schistocalyx (C. muell.) mitt.
On rotten log. Abundant

4711. Taxithelium planum (Brid.) mitt.
On rotten log. frequent

4712 Fissidens pellucidos Hornsch.
On clay of overturned tree. Roots. Frequent

4713 Neckeropsis disticha (Hedw.) Kindb.
On tree trunks, Lianas and stumps. Abundant

4714. Calli costella pallida (Hornsch.) Jaeg.
On log. Abundant

4715 Ceratolejeunea cornuta (Lindb.) Schiff.
On tree trunk. Frequent

4716 Taxithelium planum (Brid.) mitt.
On log. Abundant

4717. Trichosteleum guianae (C. muell.) Broth. ; Plagiochila serrata (Roth.) Lindt. ; Lejeunea glaucescens G
On large tree trunk. Frequent ↙
Lejeunea ulicina (Tayl.) Tayl. ; Plagiochila hylaecoetis Spruce ; & Lejeunea flava (Sw.) Nees

4718. *Taxithelium planum* (Brid.) Mitt.
On log. Abundant

4719. *Taxithelium planum* (Brid.) Mitt.
On log. Abundant

4720. *Plagiochila setrata* (Roth.) Lindb. & *Lejeunea flava* (Sw.) Nees
On tree. Tree with outer crust-like materia
Bryophyte on this crust-like part of tree.

August 8, 1984. Peru: Maynas, Department of Loreto.
Heavily forested area ca. 11 km ~~Northeast~~ Southwest of Iquitos
Airport.

4721.
Epiphyte on leaf. — Freq.

4722
On log of cleared area. Abun.

4723.
On log of cleared area. Abun.

4724
On log of cleared Area Abun.

4725
On log in forest. Abun.

4726.
On log in forest. Abun.

4727.
On trunk of dead tree

4728
On log in forest.

4729.

On log in forest. Very Abundant

4730.

On log in forest. Very Abundant

4731.

Epiphyte on leaves.

4732

On dead plant material.

4733 Acroporium pungens (Hedw.) Broth.; Prionolejeunea maculata Herz. Calympores afzelii Sw. Sematophyllum subsimplex (Hedw.) Mitt.

On log in cleared area.; Octoblepharum albidum Hedw.; Lejeunea glaucescens G.

4734 Isopterygium tenerum (sw.) mitt.; Lejeunea glaucesens G. Lophocolea perissodonta (Spruce) Steph.; Schizomitrium pallidum (Hornsch.) Crosby

On log in forest

4735 Lophocolea proteus Herzog; micropterygium leiophyllum Spruce; Sematophyllum subsimplex (Hedw.) mitt.; Entodon macropodus (Hedw.) C.M.

On log in forest

4736 Octoblepharum pulvinatum (Dozy & Molk.) mitt. & Leucomium lignicola Spruce Zoopsis integrifolia (spruce) Steph.

On soil over base of stump.

4737 Octoblepharum pulvinatum (Dozy & molk.) mitt. & Lejeunea flava (Sw.) Nees

On dead vegetation on ground. Partial shade Sparse.

4738

On stump in understory strub. Partial Shade. Sparse

4739 Lopholejeunea subfusca (Nees) Steph.

On bark of tree.

4740. Ceratolejeunea cubensis (mont.) Schiffn.

On bark of tree.

4741. Syrropodon gimmodsii Steere & Ceratolejeunea cornuta Steph.

On Stump

4742. Taxilejeunea obstrangulata (Spr.) Evs.
In crevice of tree roots and on roots. Sparse
4743. Plagiochila martiana Nees & Lindb.
In crevice of tree roots and on roots. Sparse.
4744.
On Stump base and soil over base.
4745
On stump in cleared area.
4746.
On Stump in cleared area.

August 9, 1984. Peru. Maynas, Department of Lorreto. Heavily forested area ca. 12 Km northeast of Iquitos airport.
Upland - Bromeliads - Lowlands - ferns & aroids

4747.
On dead shrub in ravine. Infrequent
4748.
Epiphyte on Bromeliad. Upland. Infrequent.
4749.
Epiphyte on leaf in ravine. Infrequent.
4750.
Epiphyte on leaf. Upland. Infrequent.
4751.
On bark of tree in ravine. Infrequent
4752.
On bark of log in ravine. Infrequent

4753. Plagiochila hypnoides Lindenb. & Pilosium chlorophyllum (Hornsch.) C. Muell. in Broth.
On dead shrub. Abundant. Upland.

4754. Zoopsis macella (Spruce) Fulford, Riccardia c.f. fucoides (Sw.) Mont. & Nees, and
On tree bases in ravine near and along small creek.
Infrequent. Syrropodon simmondsii Steere

4755 Calypogeia cyclostipa (Spruce) Steph.; Micropterygium leiophyllum Spruce & Syrropodon simmondsii Steere
On tree bases in ravine near and along small creek.
Frequent.

4756. Leucobryum martianum (Hornsch.) Hampe; Lejeunea flava (Sw.) Nees;
Micropterygium leiophyllum Spruce & Syrropodon simmondsii Steere
On tree bases in ravine near small stream. Sparse.

4757. Plagiochila subplana Lindb.; Calypogeia lechleri (Steph.) Steph.
Acroporium pungens (Hedw.) Broth.; Octoblepharum pulvinatum (Dozy & Molk.) Mitt.
on trunk of tree with lianas in ravine. Frequent.

4758 Plagiochila miradorensis Gottsche & Acrolejeunea emergens (Mitt.) Steph.
On twigs, shrubs and tree bases. Upland. Abundant.

4759
On dead stump at edge of cleared area. Upland.
Rare.

4760.
On burned wood (on log) of cleared area. Upland. Sparse

4761.
On log in upland. Frequent

4762.
On lianas and tree trunk in Ravine. Frequent.

4763.
On very moist log in heavily shaded ravine. Frequent

4764.
On sand road in upland area. Road leads to a pina farm. Abundant.

4765

On plant material along small stream in ravine. Frequent.

4766.

On dead wood. Upland. Infrequent.

4767.

On sandy exposed soil of upland. Infrequent.

4768.

On dead shrub. Infrequent. Upland.

4769.

On rotten log in upland. Frequent

4770.

On rotten log in upland. Frequent.

4771.

On log in upland. Frequent.

4772.

On bark of tree in upland. Frequent

4773.

On base of moist stump near stream in ravine. Frequent.

4774.

On log of upland. Frequent.

4775.

On log across forest trail in upland.

4776

On log in small stream of ravine.

4777.

On soil of roadside bank. Upland.

August 10, 1984. Peru: Maynas, Department of Loreto. Momon River. A tributary off the Nanay River. About three miles from the junction of the Rivers Nanay and Momon.

4778. Taxithelium planum (Brid.) Mitt.
On soil and roots along the bank of the Rio Momon. Abundant.

4779.
On dead tree in forest. Frequent.

4780. Octoblepharum pulvinatum (Dozy & Molk.) Mitt. mixed with Leucobryum martianum (Hornsch.) Hampe.
On dead tree in forest. Frequent.

4781. Syrropodon parasiticus (Brid.) Besch. var. parasiticus; Meteoriopsis patula (Hedw.) Broth.; Rectolejeunea maxonii Evs.; Pilotrichum amazonum Mitt.; Archilejeunea recurvans (Spruce) Spruce ex Steph.
On limbs of shubs about 5m above the ground in forest. Frequent.

4782. Caratolejeunea rubiginosa Steph. & Lejeunea glaucescens G. Pilosium chlorophyllum (Hornsch.) C.M. Mixed in with Trichomanes sp.
On tree trunk at the base, in forest. Sparse.

4783. Acroporium guianense (Mitt.) Broth.
On log in forest. Abundant.

4784
On bark in forest. Sparse

4785.
On log in forest. Abundant

4786.
On dead tree in forest. Abundant

4787.
On log in forest. Sparse.

4788

On limb of shrub about 5m above ground in forest. Sparse.

4789.

On log in forest. Frequent.

4790.

On log in forest. Frequent.

4791.

On tree trunk between 2 meters up to 4 meters above the ground. Frequent

4792.

On soil (clay) of overturned shrub in the floodplain of the Rio Momon.

August 13, 1984 Peru, Maynas, Department of Loreto. Explor
Botanic garden at Institute for Botanical ~~Research~~
Huallaga 226, Iquitos.

4793.

On soil over rock. Frequent.

4794.

On ariel roots & bark of Palm. Frequent

4795.

On soil over rock. Frequent.

4796.

On dead part of tree trunk. Sparse.

4797.
On bark of tree. Sparse.

4798.
On bark of tree limb ca. 4 meters above ground. Sparse.

4799.
On soil over rock. Frequent.

4800.
On soil over rock. Sparse

4801.
On bark with soil at base of tree. Frequent.

4802.
on dead shrub. Frequent.

Agostos 16, 1984. Peru, Department of Loreto, Maynas Providence. Low Jungle area around Explorama Camp ca. 50 miles east of Iquitos.

4803. Plagiochila thysanotis Spruce & Lopholejeunea muelleriana (G.) Schiffn.
On soil and Bark and free roots. Abundant.

4804. Bryum crueperi Hampe ex C. Muell.
On soil and bark of gourd tree. Frequent.

4805. Plilonotis glaucescens (Hornsch.) Par. Bryum crueperi Hampe ex C. Muell. ; Splachnobryum obtusum (Brid.) C.M.
On soil, moist and shaded. Frequent.

August 17, 1984. Peru. Department of Loreto, Maynas Provinca. Low Jungle area in the vicinity of Explorama Comp ca. 50 miles east of Iquitos.

4806.

On Bark. Frequent.

4807.

On log (a.). Frequent.

4808. Aneura pinguis (L.) Dum. ; Thurdium schistocalyx (C. Muell.) Mitt. Taxithelium planum (Brid.) Mitt. ; Rectolejeunea brittoniae Evs.

On bark. Frequent.

4809. Plagiochila rutilans Lindberg & Acroporium guianense (Mitt.) Broth.

On bark. Frequent.

4810. Cheilolejeunea ripidula (mont.) Schust.

On breadfruit tree, Sparse.

4811. Leucomium lignicola Spruce ; Callicostella pallida (Hornsch.) Jaeg. & Lejeunea minutiloba Evs.

On bark. Frequent.

4812. Plagiochila rutilans Lindb.

On bark. Sparse.

4813.

On log. Frequent.

4814. Callicostella pallida (Hornsch.) Jaeg. Vesicularia amphiloba (spruce) Broth. ; Rectolejeunea brittoniae Evs.

On bark, Frequent.

4815.

On bark, Frequent.

4816.

On bark. Sparse

4817.

On bark. Sparse

Diplasiolejeunea rudolphiana Steph.

4818. Cololejeunea contractiloba Evs. & Prepanolejeunea orthophylla (Nees & Mont.) Bischler
Epiphyte on leaves. Sparse.

4819.
On clay soil. Sparse.

4820. Callicostella pallida (Hornsch.) Jaeg.
On clay soil. Frequent.

4821.
On log (a.). Abundant.

4822. Rectolejeunea maxonii Evs.
Corticulous, Sparse.

4823. Meteoriopsis patula (Hedw.) Broth
Corticulous, Frequent.

4824. Plagiochila sp.
On log (a), Abundant

4825. Callicostella pallida (Hornsch.) Jaeg.
On log (a.). Abundant

4826. Octoblepharum cylindricum mont.; Acroporium guianense (mitt.) Broth. mixed with Trichomanes punctatum Poir.
Corticulous, Sparse.

4827. Plagiochila rutilans Lindb.; Lejeunea flava (Sw.) Nees
Plagiochila hylaecoetis Spruce; Taxitheleum planum (Brid.) mitt.; Aneura pinguis (L.) Dum.
On log, Abundant.

4828. Prionolejeunea c.f. denticulata (web.) Spruce ex Schiffn.; Callicostella pallida (Hornsch.) Jaeg.
Fissidens kegelianus C. Muell.
On log. Frequent.

4829.
On log. Sparse.

4830.
On Stump. Sparse.

4831.
On Stump. Sparse

4832.
Corticulous. Abundant.
4833.
Corticulous. Sparse.
4834.
On log, Abundant.
4835.
On log. Abundant
4836. Octoblepharum cylindricum Mont. mixed with filmy fern.
Corticulous, Frequent.

August 18, 1984. Peru: Department of Loreto, Maynas Province, High Jungle area in the vicinity of Explorama Camp ca. 50 miles east of Iquitos.

4837.
Epiphyte on leaves, sparse.
4838.
On log, sparse.
4839.
Corticulous, Sparse
4840.
Corticulous, sparse.
4841.
Epiphyte on leaf, Rare. on on bracts
4842.
On bark and spines of a palm, frequent.

4843. Leucomium lignicola Spruce
On stump, frequent.

4844. Tylimanthus sp.
On stump, frequent.

4845.
Corticulous, Frequent.
Neckeropsis disticha (Hedw.) Kindb. ; Ceratolejeunea sp.

4846. Plagiochila sp.
Corticulous, Frequent.

4847. Diplasiolejeunea rudolphiana Steph. ; Arachniopsis pecten Spruce
Leptolejeunea elliptica (Lehm. & Lindb.) Steph.
Epiphyte on leaves, Sparse. → Heliconia sp.

4848. Caudalejeunea lehmanniana (G.) Evs. ; Diplasiolejeunea rudolphiana Steph.
Lejeunea caespitosa Lindenb. ; Lejeunea glaucescens G.
Epiphyte on leaves, sparse. → Astrocaryum jauari Mart. → Palm

4849. Lopholejeunea muelleriana (G.) Schiffn.
Neckeropsis disticha (Hedw.) Kindb. & Plagiochila serrata (Roth.) Lindb.
Plagiochila hylaecoetis Spruce
Lopholejeunea subfusca (Nees) Steph.
Corticulous, Sparse. → Neckeropsis foveolata (mitt.) Broth.

4850.
Corticulous, sparse.

4851.
Corticulous, sparse

4852.
Corticulous, sparse.

4853.
Corticulous, sparse.

4854. Neurolejeunea breutelii Gott. mixed with Radula flaccida Lindb. & Gott.
Rectolejeunea brittoniae Evs. & Strictolejeunea Kunzeana (Gott.) Schiffn.
Corticulous, sparse

4855. Lejeunea flava (Sw.) Nees & Lejeunea laetevirens Nees & Mont.
Epiphyte on Palm leaves, Frequent. → Astrocaryum jauari Mart.

4856. Rectolejeunea brittoniae Evs. & Thuidium involvens (Hedw.) mitt.
On log, frequent.

Lopholejeunea eulopha Tayl. & Symbiezidium setosum Steph.

4857. Neckeropsis disticha (Hedw.) Fleisch. ; Meteoriopsis patula (Hedw.) Broth.

Corticulous, frequent.

4858. Lopholejeunea subfusca (Nees) Steph.

Corticulous, frequent.

4859.

Epiphyte on leaves, rare.

4860. Plagiochila rutilans Lindb.

Corticulous, abundant.

4861. Meteoriopsis remotifolia (Hornsch.) Broth.

Pendant from branches and leaves, frequent.

4862. Taxithelium planum (Brid.) Mitt.

Corticulous, frequent.

4863. Groutiella mucronifolia (Hook. & Grev.) Crum & Steere

On wet soil over bark, rare.

4864. Sematophyllum sericifolium Mitt.

On log, frequent.

4865. Plagiochila sp.

Octoblepharum pulvinatum (Dozy & Molk.) Mitt
Lejeunea cladogyna Evs.

Corticulous, frequent.

4866. Plagiochila rutilans Lindb.

Corticulous, frequent

4867. Meteriopsis patula (Hedw.) Broth. ; Plagiochila hylaecoetis Spruce ; Lejeunea laetevirans Nees & Mont.
Octoblepharum cylindricum mont.

Corticulous, rare.

4868.

Corticulous, abundant

4869.

On mud over stump, frequent.

4870.

On mud over stump, frequent.

4871.
Corticulous, frequent.

4872.
Corticulous, sparse.

4873.
Corticuloos, on buttress, frequent.

4874.
Corticulous, on buttress, frequent.

4875.
Corticulous, on buttress, frequent.

4876.
Corticuloos, on buttress, frequent.

4877.
on log, frequent

4878.
On log, frequent.

August 19, 1984. Peru: Department of Loreto, Maynas Province, Low jungle area in the vicinity of Exporama Lodge between the Amazon and Napo Rivers, ca. 50 miles east of Iquitos.

4879. Leucobryum martianum (Hornsch.) Hampe ex Muell.
On log, sparse.

4880. Riccia sp.
On soil, sparse.

4881.
On soil, Frequent.

4882.

Corticulous, sparse.

4883. Neckeropsis disticha (Hedw.) Kindb.

Corticulous, frequent.

4884. Cololejeunea cardicarpa mont. / Diplasiolejeunea rudolphiana Steph. } associated with Strigula complanata (Fee) mont. [lichen]

Epiphyta on leaves, frequent. → Metaxya rostrata (H. & B. ex Willd) Presl. [fern]

4885. Leptolejeunea elliptica (Lehm. & Lindb.) Steph. on escaped cultivated species of citrus.

Epiphyta on leaves, frequent.

4886 Drepanolejeunea orthophylla (Nees & mont.) Bischler

Epiphyte on leaves, frequent.

4887.

Corticulous, sparse.

4888.

Corticulous, sparse.

4889. Diplasiolejeunea rudolphiana Steph.

Epiphyta on leaves, frequent. → Diplasia karatafolia L.C. Rich

4890. Diplasiolejeunea pellucida (Meissn.) Schiffn.

Epiphyta on leaves, frequent.

4891. Pireela pohlii (Schwaegr.) Card.

Corticulous ca. 5 meters above ground, sparse.

4892. Gymnostomiella orcuttii Bartr. & Splachnobryum obtusum (Brid.) C. Muell.

On clay soil, frequent. Aneura pinguis (L.) Dum.

August 20, 1984. Peru: Department of Loreto, Maynas Province, high jungle area in the vicinity of Explorama Lodge between the Amazon and Napo Rivers ca. 50 miles east of Iquitos.

4893.

Epiphyta on leaves, frequent.

4894.
Corticulous, frequent.

4895.
Corticulous on roots, frequent.

4896.
Corticulous on liana, frequent.

4897. Pilotrichum bipinnatum (Schwaegr.) Brid. & Thuidium involvens (Hedw.) Mitt.
On stump, frequent.

4898.
Corticulous on liana, frequent.

4899.
On log, sparse.

4900. Lejeunea flava (Sw.) Nees
Corticulous on roots, sparse.

4901. 1
Corticulous, sparse.

4902. Taxithelium planum (Brid.) Mitt.
On log, frequent.

August 22, 1984. Peru: Department of Loreto, Maynas Province.
Gardens at 701 Napo Street, Iquitos.

4903. Cololejeunea c.f. contractiloba Evs.
On brick, frequent.

4904. Hyophila involuta (Hook.) Jaeg.
On concrete, frequent.

4905. Lejeunea minutiloba Evs. & Bryum mnioides (Schimp.) Broth.
On brick, frequent.

4906.
On brick, frequent.

4907. Lejeunea minutiloba Evs. mixed with Lecominum lignicola Spruce ex mitt.
On concrete, frequent.

4908. Lejeunea sp. . mixed with Leucominum lignicola Spruce ex Mitt.
On sand over concrete, frequent. —> Barbula agraria Hedw.

4909. Calypogeia nephrostipa (Spruce) Steph. & Lejeunea sp.
On sandy soil and adventitious Palm roots, frequent

4910. Pilotrichum bipinnatum (Schwaegr.) Brid. mixed with Lejeunea minutiloba Evs. Thuidium schistocalyx (C. Muell.) mitt
On brick, frequent

4911. Lejeunea minutiloba Evs. Thuidium schistocalyx (C. Muell.) mitt. ; Pilotrichum bipinnatum (Schwaegr.) Brid.
On brick, frequent. & Lejeunea sp.

4912. Lopholejeunea subfusca (Nees) Steph.
Corticulous on Palm, frequent.

4913. Lejeunea laetevirens Nees & Mont. mixed with Meiothecium revolubile mitt.
Corticulous on Palm ca. 5 meters above the ground, sparse.

4914. Barbula agraria Hedw.
On concrete, frequent.

4915. Thuidium schistocalyx (C. Muell.) mitt.
On concrete, frequent.

4916. Barbula agraria Hedw. & Lejeunea minutiloba Evs.
On brick, frequent.

4916a.
On palm leaves.

September 2, 1984. MO: Cass Co., Vicinity of Harrisonville Park Lake.

4917. Sagittaria brevirostra (Mack. & Bush) Bogin; In sluggish intermittent stream below dam.
4918. Polygonum pensylvanicum L.; at edge of lake
4919. Cirsium altissimum (L.) Spreng.; open field
4920. Lycopus americanus Muhl.; at edge of lake.
4921. Solidago gigantea var. leiophylla Fern. Asteraceae
4922. Aster parviceps (Burgess) Mackenz. & Bush; in open field
4923. Polygonum hydropiper L.; at edge of lake.
4924. Aster drummondii Lindl.; in open field. Asteraceae
4925. Phyla lanceolata (Michx.) Greene; at edge of lake
4926. Bidens aristrosa (Michx.) Britt. ca. 2 meters from lake's edge.
4927. Solidago altissima L.; along road near lake.
4928. Desmodium perplexum Schub. Fabaceae at edge of woods.
4929. Ambrosia trifida L.; open field
4930. Solidago canadensis L. var. gilvocanescens Rydb.; in open field.
4931. Eupatorium altissimum L.; in open field.
4932. Solidago altissima L.; in open field. Asteraceae
4933. Panicum capillare L.; along railroad
4934. Polygonum lapathifolium L.; edge of lake.
4935. Setaria viridis (L.) Beauv.; along railroad. ~~S. viridis~~ (L.) Beauv.
4936. Echinochloa muricata (Beauv.) Fern.; along railroad.
4937. Celastrus scandens L.; in fencerow along railroad. Celastraceae
4938. Acalypha virginica L.; along railroad. Euphorbiaceae
4939. Euphorbia maculata L.; along railroad. Euphorbiaceae Chamaesyce maculata (L.) Small
4940. Cornus obliqua Raf.; along lake. Cornaceae
↳ Cornus amomum ssp obliqua (Raf.) J.S. Wilson

4941. Mirabilis nyctaginea (Michx.) Mac. M.; Nyctaginaceae edge of open field.
4942. Verbesina alternifolia (L.) ex Kearney Britt.; Asteraceae edge of woods near lake.
4943. Ambrosia coronopifolia T & G; Asteraceae in open ground
4944. Strophostyles umbellata (Muhl.) Britt.; Fabaceae in wooded area along lake.
4945. Boehmeria cylindrica (L.) Sw.; along lake edge. Urticaceae
4946. Paspalum laeve Michx.; along lake edge. Poaceae
4947. Asclepias incarnata L.; along lake edge. Asclepiadaceae
4948. Tridens flavus (L.) Hitchc.; along railroad.
4949. Setaria viridis (L.) Beauv.; along railroad. Poaceae
4950. Cyperus strigosus L.; along lake edge. Cyperaceae
4951. Ruellia humilis Nutt., Acanthaceae Corolla white; in open field.
4952. Ludwigia peploides (Kunth) P.H. Raven; floating in small stream at park entrance. Onagraceae

September 2, 1984. MO: Cass Co., miles west of Archie. Intermittent stream about 1/4 mile south of hiway with Mick Letchco

4953. Mimulus alatus Ait.; along intermittent stream. Scrophulariaceae
4954. Impatiens pallida Nutt.; in floodplain, Balsaminaceae mixed with I. capensis.
4955. Woodsia obtusa (Spreng.) Torr.; Dryopteridaceae north slope of dry rocky woods.
4956. Laportea canadensis (L.) Gaud. Urticaceae
4957. Sicyos angulatus L.; along intermittent stream. Cucurbitaceae
4958. Eupatorium serotinum Michx.; in old field.
4960. Solidago ulmifolia Muhl.; in rocky woods along bluff. Asteraceae

4961. Polygonum hydropiper L.; along intermittent stream. Polygonaceae
4962. Stachys tenuifolia Willd.; along intermittent stream. Lamiaceae
4963. Cinna arundinacea L.; in rocky woods Poaceae
4964. Campanula americana L.; along intermittent stream. Campanulaceae
4965. Polygonum virginianum L.; in woods near intermittent stream. Polygonaceae
4966. Impatiens capensis Meerb.; along intermittent stream. Balsaminaceae
4967. Penthorum sedoides L.; in woods along intermittent stream. Crassulaceae
4968. Ambrosia bidentata Michx.; in rocky open woods. Asteraceae
4969. Desmodium ~~rigidum~~ obtusum (Muhl. ex Willd.) DC. (Ell.) DC. ← new name!; in rocky woods on bluff. Fabaceae
4970. Lobelia siphilitica L.; along intermittent stream. Campanulaceae
4971. Lobelia cardinalis L.; along intermittent stream. Campanulaceae
4972. Oenothera elata ssp. hirsutissima (S. Wats.) W. Dietr. (Gray ex) in open field. Onagraceae

September 3, 1984. MO. Bates Co., Along hiway 52 ca. 6 mile east of Hiway 71. In prairie. T40N, R30W, S33,

4973. Salvia azurea Lam.; in prairie of roadside ditch.
4974. Cunila origanoides (L.) Britt.; in prairie of roadside ditch. Lamiaceae

September 8, 1984. MS: Tishomingo Co.; Tishomingo State Park. R10 & 11E, T5S.

4975. Fontinalis novae-angliae Sull.; Infrequent; R10E, Sec 25, SW1/4 attached to rock in Rock Quarry Branch. ca. 1/4 mile east of the park entrance.
4976. Bartramia pomiformis Hedw.; on soil over sandstone of slope along Rock Quarry Branch. R10E, S25, SW4

4977. *Leucobryum albidum* (Brid.) Lindb. ; R10E, S25, SW4, in crevice of verticle sandstone along Rock Quarry Branch.

4978. *Aulacomnium heterostichum* (Hedw.) BSG.; R10E, S25, SW4; on soil over sandstone of slope along Rock Quarry Branch. Abundant.

4979. *Polytrichum commune* var. *perigoniale* (Mx.) Hampe ; R11E, S31, NW4 along trail leading up rocky slope north of Bear Creek. Frequent.

4980. *Thuidium delicatulum* (Hedw.) BSG; mixed with *Lophocolea bidentata* (L.) Dum, R10E, S36, NW4. along small stream leading from CCC lake. Frequent.

4981 *Atrichum angustatum* (Brid.) BSG. R10E, S36, NW4, ; on soil at base of *Quercus* at edge of woods near log cabin.

4982. *Aneura pinguis* (L.) Dum. R10E, S25, SW4. On moist soil over sandstone along Rock Quarry Creek. Infrequent.

4983 *Cephalozia catenulata* ; on moist soil over sandstone along Rock Quarry Creek.

4984 *Campylium radicale* (P. Beauv.) Grout; mixed with 4982 & 4983.

4985. *Syrrhopodon texanus* Sull. ; Frequent. R10E, S25, SW4. on sandstone along Rock Quarry Creek;

4986. *Odontoschisma prostratum* (Sw.) Trev. mixed with 4985.; R10E, S25, SW4. on soil over sandstone along Rock Quarry Creek; frequent.

4987. *Aneura pinguis* (L.) Dum. R11E, S31, NW4., on moist verticle sandstone.

4988 *Thuidium delicatulum* (Hedw.) BSG. R11E, S31, NW9, on very dry soil in rocky open woods. Frequent.

4989. *Sciaromium lescurii* (Sull.) Broth. R10E, S36, NW4., on rock in stream leading from CCC lake. Abundant.

4990. *Dicranum condensatum* Hedw R11E, S31, NW4.) on . Frequent.

4991. *Leucolejeunea clypeata* (Schwein.) Evans R10E, S36, NW4; on bark of tree along stream leading from CCC lake. Sparse

4991a. Metzgeria furcata (L.) Dum.; mixed with 4991.

4992. Bryoandersonia illecebra (Hedw.) Robins. R10E, S36, NW4, on bark and soil at base of tree. Abundant.

4993. Lejeunea flava (Sw.) Nees R10E, S36, NW4, on thin soil over rock. Frequent.

4994. Sphagnum subsecundum Nees ex Strum; R10E, S36, NW4 on soil at edge of ccc lake. Abundant

4995. Cryphaea glomerata BSG ex Sull. with Forsstroemia trichomitria (Hedw.) Lindb. & Frullania squarrosa (Reinw., Blume & Nees) Nees. R10E, S36, NW4 on bark of tree along stream leading from ccc lake. Sparse.

4996. Anomodon attenuatus (Hedw.) Hüb. R10E, S36, NW4 on soil in rocky open woods. Frequent.

4997. Cheilolejeunea rigidula (Nees & Mont.) Schust.; Leucobryum albidum (Brid.) Lindb. R10E, S36, NW4 on thin soil over boulder. Frequent.

4998. Mnium affine Bland. ex Funck sensu lato. mixed with 4997 R10E, S36, NW4 on thin soil over boulder. Frequent.

September 10, 1984. MS: Oktibbeha Co.; along roadside and in woods of gravel road running west at the end of Oktoc road. R15E, T17N, Sec 31.

4999. Boltonia diffusa Elliott Asteraceae along roadside.

5000. Iresine rhizomatosa Standley Amaranthaceae in woods; floodplain.

5001. Lobelia puberula Michaux. Campanulaceae at edge of woods.

5002. Triphora trianthophora (Swartz) Rydberg in leaf litter of wooded floodplain.

5003. Elephantopus carolinianus Raeusch. Asteraceae in wooded floodplain.

5004. Bidens aristosa (Michaux.) Britton, in Asteraceae ditch along roadside.
5006. Lespedeza violacea (L.) Pers. Fabaceae along roadside.
5007. Agalinus purpurea (L.) Pennell Scrophulariaceae along roadside
5008. Passiflora incarnata L. Passifloraceae along roadside
5009. Polygonum pensylvanicum L. Polygonaceae in roadside ditch.
5010. Clematis virginiana L. Ranunculaceae along roadside
5011. Vernonia gigantea (Walt.) Trel. along roadside
5012. Verbesina virginica L. Asteraceae along roadside
5013

September 12, 1984. MO: Cass Co. ca. 0.8 Km north of hiway Z and ca. 3.0 Km east of hiway 7. T44N R30W S1. Lat. 38°40' Long. 94°53'.

5014. Aster turbinellus Lindl.; in dry rocky open woods. Asteraceae
flowers light purple, plant ca. 1.2 meters in heigth, widely branching.
5015. Helianthus grosseserratus Martens; Asteraceae along roadside.
plant ca. 2-3 meters in heigth, flowers extending from top down ca. .5 meter.
5016. Lobelia siphilitica L.; Campanulaceae along roadside in wet ditch.
5017. Agalinis fasciculata (Ell.) Raf.; Scrophulariaceae along roadside in ditch.
plants ca. .5-.75 meters in heigth, flowers purple.
5018. Cirsium altissimum (L.) Spreng. in old field Asteraceae
5019. Eupatorium serotinum Michaux., in old field. Asteraceae
5020. Helianthus grosseserratus Martens; along roadside. Asteraceae
5021. Croton glandulosus L. var. septentrionalis Muell. Arg.; Euphorbiaceae along roadside
5022. Bidens aristosa (Michx.) Britt. in Asteraceae old field near edge of woods.
5023. Verbena urticifolia L.; Verbenaceae in old field near edge of woods.
flowers white.

5024. Aster ericoides L. ; along roadside.
5025. Amphiachyris dracunculoides (DC) Nutt. ; Asteraceae prairie area along roadside
5026. Aster drummondii Lindl. ; at edge of dry open woods.
5027. Aster pilosus Willd. ; along roadsides.
5028. Salvia azurea Lam. ; Lamiaceae on rocky outcrop & "prairie-like" along roadside
5029. Verbena hastata L. ; along roadside. Verbenaceae
5030. Humulus japonicus Sieb. & Zucc. Cannabaceae edge of wood along roadside
5031. Chenopodium simplex (Torr.) Raf. ; edge of thick woods.
5032. Urtica urens L. ; edge of shaded woods. Urticaceae
5033. Urtica dioica L. var. procera (Muhl.) Wedd. ; edge of shaded woods.
5034 Polygonum scandens var. cristatum (Engelm. & Gray) Gl. ; same as 5033
5035. Verbesina alternifolia (L.) Britt. ; edge of woods. Asteraceae
5036. Helianthus hirsutus Raf. var. trachyphyllus T. & G. ; along roadside.
5037. Rudbeckia laciniata L. ; edge of woods. Asteraceae
5038. Oxalis stricta L. ; along roadside Oxalidaceae
5039. Rudbeckia laciniata L. ; along roadside. Asteraceae

September 14, 1984. MO: Polk Co., La Petite Gemme Prairie ca. 0.5 mile west of hiway 13 and ca. 0.5 mile north of county road Y. S25 R23W T33N. Lat. 37° 11' Long. 93° 25'.

5040 Desmodium sessilifolium (Torr.) T. & G. Fabaceae flowers white
5041 Parthenium integrifolium L. ; scattered
5042. Sorghastrum nutans (L.) Nash ; abundant Poaceae
5043. Liatris aspera Michx. ; frequent Asteraceae
5044. Solidago altissima L. ; frequent Asteraceae
5045. Solidago rigida L. ; frequent Asteraceae
5046. Lobelia siphilitica L. ; moist depression. ; common Campanulaceae
5047 Aster novae-angliae L. ; moist depression ; common

5048. Prenanthes aspera Michx. ; scattered Asteraceae
5049. Aster ericoides L. ; frequent
5050. Aster turbinellus Lindl. ; frequent

September 14. 1984. MO: Greene Co. Along hiway 13. ca. 8.0 km north of I44 and 0.8 km south of hiway "WW". Lat. 37° 15' Long. 93° 15'.
5051. Liatris aspera Michx. ; Asteraceae prairie area along roadside.

September 15, 1984: MO: Barton Co. 4.8 km west of county Rd 37 and 3.2 km. south of county rd. 126. ca. 4.1 km SW of Golden City.
5052. Boltonia asteroides var. latisquama (Gray) Gron. ; intermittent stream of prairie. Lat. 37° 21' Long. 94° 7' Asteraceae

September 16, 1984; MO: Greene Co.,
Along railroad tracks running parallel with hiway 160, ca. 4.0 km north of hiway 744. T. 29N R 23W S14. Lat. 37° 10' Long. 93° 15'.
5053. Eupatorium altissimum L. Asteraceae
5054. Eupatorium serotinum Michx. Asteraceae
5055. Cunilia origanoides (L.) Britt.
5056. Solidago altissima L. Asteraceae
5057. Aster anomalus Engelm. Asteraceae
5058. Heterotheca camporum var. camporum Greene (Crong.) Asteraceae

September 16, 1984; AR: Sharp Co.; along hiway 63 ca. 2 miles SE of Hardy. On limestone roadcut at base and top.

5059. Palafoxia callosa (Nutt.) T. & G. Asteraceae
5060. Ipomoea hederacea (L.) Jacq. Convolvulaceae
5061. Croton monanthogynus Michx. Euphorbiaceae

September 16, 1984; AR: Poinsett Co.; south of Truman along hiway 63. T12N, R6E, S6; moist meadow.

5062. Aster dumosus L. Asteraceae
5063. Physostegia virginiana ssp. virginiana (L.) Benth. Lamiaceae

September 17, 1984; MS: Oktibbeha Co; ca. 1 mile southwest of Longview. Along roadside in moist ditch. T18N, R13E, S28.

5064. Verbena brasiliensis Vellozo Verbenaceae
5065. Croton capitatus Michaux. Euphorbiaceae
5066. Acalypha virginica L. Euphorbiaceae
5067. Diodia teres Walter Rubiaceae
5068. Daucus carota L. Apiaceae
5069. Panicum rigidulum Nees Poaceae
5070 Leersia lenticularis Michaux. Poaceae
5071. Polygonum hydropiperoides Michaux. Polygonaceae
5072. Aster paludosus ssp. hemisphericus (Alexander) Crong. Asteraceae

5073. Boltonia diffusa Elliott. Asteraceae
5074. Rotala ramosior (L.) Koehne Lythraceae
5075. Rhexia mariana L. Melastomataceae
5076. Aster dumosus L. Asteraceae

September 21, 1984; MS: Kemper Co., ca. 4.3 mile northwest of Scooba. T12N, R18E, S19, SE4. On calcareous prairie located on west side of hiway 45. Advanced Taxonomy Class 4 Sidney McDaniel
5077. Chrysopsis camporum Greene

September 21, 1984; Kemper Co., ca. 2 mile northwest of Enondale. In the vicinity of Sucarnoochee Creek at hiway 45 bridge. Recently cutover bottomland. T19N R18E S7 NW4.

5078. Brintonia discoidea (Elliott) Greene; frequent in clumps. Asteraceae

September 22, 1984; OKtibbeha Co; ca. .7 mile west of Longview city limit sign (western most sign). In ditch on north side of hiway 12.

5079. Melanthera nivea (L.) Small. Asteraceae

September 22, 1984; OKtibbeha Co., ca. 1.7 mile west of Stark Road in prairie between hiway 12 and railroad.

5080. Mecardonia acuminata (Walter) Small Scrophulariaceae

5081. Schizachyrium scoparium (Michx.) Nash Poaceae
5082. Tridens strictus (Nuttall) Nash Poaceae
5083. Sorghastrum nutans (L.) Nash. Poaceae
5084. Paspalum floridanum Michaux. Poaceae
5085. Boltonia diffusa Elliott Asteraceae

September 23, 1984; MS: OKtibbeha Co., ca. 3.0 mile SW of OKtoc in Noxubee National Wildlife Refuge. Noxubee Riverbotton near bridge on road leading to Bluff Lake from the north. T17N R15E S31 SW4; with T. Smith & K. Clancy.

5086. Dicliptera brachiata (Pursh) Sprengel; scattered in dry woods, abundant beneath bridge.
5087. Cardiospermum halicacabum L.; on plant near stream.
5088 Hypericum walteri Gmelin.; few plants along stream.
5089. Commelina diffusa Burman; beneath bridge
5090. Commelina virginica L.; abundant along stream.
5091. Helianthus angustifolius L. at edge of road near bridge.
5092. Ipomomea lacunosa L.; scattered
5093. Ludwigia decurrens Walter.; single plant along stream.
5094. Zizaniopsis miliacea (Michx.) Doell. & Asch., along waters edge of lake - frequent.

September 25, 1984. MS: OKtibbeha Co., ca. 3.0 mile SW of OKtoc in Noxubee National Wildlife Refuge. Noxubee River-bottom near bridge on road leading to Bluff Lake from the north. T17N, R15E, S31, SW4 with Plant Taxonomy Class.

5095 Eclipta alba (L.) Hasskarl. ; frequent along stream.
5096. Pilea pumila (L.) Gray ; abundant along stream.
5097. Paspalum repens Berg ; one plant near stream.

September 29, 1984; MS; OKtibbeha Co., .7 mile west of Longview.
S21 R13E T18N; Long 88°57' Lat. 33°29'.

5098. Aster paludosus Ait. ; frequent in "prairie" roadside
5099. Solidago canadensis L. ; frequent in "prairie" roadside.
5100. Helianthus angustifolius L. ; frequent at edge of woods.

September 29, 1984; MS: OKtibbeha Co. ; along roadside ca. 0.25 mile S
on Montgomery St. from hiway 12.
S3 R14E T18N Long 88°49' Lat. 33°27'.

5101. Helianthus petiolaris Nutt. ; in yard beneath pines.

September 29, 1984. MS: OKtibbeha Co., on blacktop off hiway
(old) 82 ca. 1.8 miles east of 4 lane 82 hiway and
old 82. S26 R15E T19N Long. 88°43' Lat. 33°38'.

5102. Solidago nemoralis Aiton ; common at edge of woods.
5103. Euthamia graminifolia (L.) Nutt. ; pungent oder; common
along "prairie roadside".

September 29, 1984; MS: Jasper Co., Pine woods behind roadside park. off Interstate 59 ca. .75 mile south of the Heidelberg exit. T10N, R10W, Sec25. T. Smith, K. Clancy & Plant Taxonomy Class.

5104. Chrysopsis graminifolia (Michx.) Ell.; frequent at edge of woods in open.

5105. Trilisa odoratissima (Walter ex J.F. Gmelin) Cassini; In pine woods. Infrequent.

5106. Eupatorium capillifolium (Lam.) Small; Abundant in open pine woods.

5107. Aster tortifolius Michx. frequent in pine woods.

5108. Eupatorium album L. Frequent in pine woods.

5109. Solidago ulmifolia Muhl. ex Willd. Frequent in pine woods. Branches spreading.

September 29, 1984; MS: Pearl River Co., Pine savanna ca. 1 mile north of Picayune just of hiway 11. T6S, R17W, S2. T. Smith, K. Clancy & Plant Taxonomy Class.

5110. Ipomea trichocarpa Ell.; infrequent; in pines climbing among shrubs and herbs.

5111. Agalinis fasciculata (Ell.) Raf.
Frequent but scattered throughout savanna.

5112. Baldwina uniflora Nutt.
Infrequent in small populations throughout.

5113. Oxypolis filiformis (Walt.) Britt.
Infrequent on south side of savanna.

5114. Chrysopsis pilosa Nutt.
Frequent throughout.

5115. Lobelia puberula Michaux.
Frequent throughout.
5116. Carphephorous pseudo-liatris Cass. ; infrequent throughout savanna but confined to moister areas.
5117. Carphephorous paniculatus (J.F.Gmel.) Hebert. infrequit
5118. Eryngium integrifolium Walt. ; frequent in moist area of savanna.
5119. Coreopsis linifolia Nutt.
frequent throughout savanna.
5120. Eriocaulon decangulare L.
frequent throughout.
5121. Panicum virgatum L.; Common in large clumps. Plants ca. 3 meters in height.
5122. Hypericum crux-andreae (L.) Crantz.
infrequent in pine woods at south side of savanna.
5123. Eupatorium coelestinum L. ; frequent in clumps.
5124. Eupatorium capillifolium (Lam.) Small; frequent at edge of savanna near paved road.
5125. Buchnera floridana Grand. ; infrequent throughout.
5125a. Helianthus heterophyllus Nutt.; infrequent.
September 29, 1984. MS: Pearl River Co., 2.8 mile south of Poplarville city limit in pine savanna near intermittent stream along hiway 11. T3S, R16W, Sec. 14. T. Smith, K. Clancy, & Plant Taxonomy Class.
5126. Zigadenus glaberrimus Michx.; infrequent in pine woods.
5127. Bigelowia nudata (Michx.) DC.; infrequent in pine woods.

September 30, 1984; MS: Forrest Co; Paul B. Johnson State Park. Approximately 7.5 mile south of hiway 98 and 49 off hiway 49. T2N, R13W, Sec 12 & 13. T. Smith, K. Clancy and Plant Taxonomy Closs

5128. Osmunda cinnamomea L. Common
In woods near standing water.

5129. Hypericum crux-andreae (L.) Crantz.; infrequent
In pine woods west of tent camping area.

5130. Lobelia siphilitica L.; frequent
In powerline clearcut west of tent camping area.

5131 Salvia azure Lam.; infrequent
In powerline clearcut west of tent camping area.

5132. Chrysopsis graminifolia (Michx.) Ell.; in powerline clearcut west of tent camping area.

5133. Aster patens Ait.on; infrequent. In powerline clearcut west of tent camping area. Flower: rays blue, disc yellow.

5134. Chrysopsis mariana (L.) Elliott; frequent; In powerline clearcut west of tent camping area.

5135. Hibiscus aculeatus Walt.; In powerline clearcut west of tent camping area.

5136. Euphorbia corollata L.; infrequent; west of tent camping area in powerline clearcut.

5137. ~~Pyrantheum muticum (Michx.) Pers. infrequent~~ Hyptis alata
In powerline clearcut west of tent camping area.

5138 Aster tortifolius Michx.; infrequent
In powerline clearcut west of tent camping area.

5139. Eupatorium coelestinum L.; In powerline clearcut west of tent camping area.

5140. Aster ericoides L.; frequent ; In powerline clearcut west of tent camping area. Rays white; disc yellowish-brown

5141. Osmunda regalis L. var. spectabilis (Willd.) A. Gray; Frequent In woods near standing water. in clumps.

5142. Aster dumosus L., Infrequent ; In woods near standing water.

5143. Helianthus angustifolius L.; common ; Edge of woods near road leading to tent camping area.

5144. Erianthus giganteus (Walter) Muhl.; infrequent In clumps at edge of Lake Shelby.

5146. Trilisa odoratissima (Walt.) Cass.; woods near standing water.

September 30, 1984; MS: Neshoba Co.; Burnside Park ca. 2.25 mile north of Philadelphia. Oak-Beech lowland, sandy soil. Trails near Burnside Lake. T12N, R12E, S31, SE4
T. Smith, K. Clancy and Plant Taxonomy Class.

5146. Solidago elliottii T. & G.; frequent. ; in dry woods.

5147. Solidago patula Muhl. ex Willd., infrequent ; in dry woods.

5148. Brintonia discoidea (Elliott) Greene, frequent ; in dry woods

5149. Erechtites hieracifolia (L.) Raf. ; along lake branch.

5150. Hypericum walteri Gmelin. growing in soil in crevice of knees of Taxodium distichum (L.) Rich. Abundant.

5151. Onoclea sensibilis L.; infrequent. ; in low area of a lake branch.

5152. Penthorum sedoides L. Frequent ; in low area of a lake branch

5153. Pluchea camphorata (L.) DC., frequent ; in low area along lake branch.

5154. Erianthus strictus Baldwin, infrequent ; in open area near Burnside Lake.

5155. Sagittaria graminea Michx., infrequent. ; in shallow water of lake branch.

5156.

5156a. Smilax pumila Walter. ; frequent.

September 30, 1984; MS: Winston Co., ca. 4 mile north of Louisville in Tombigbee National Forest at Noxubee Crest. T16N R12E S31 NE4. East of Forest Service Road 971-2 ca. 0.2 mile south of Forest Service Road 956. Mesic Hardwood Ravine. T. Smith, K. Clancy & Plant Taxonomy Class.

5157. Panax quinquefolium L.; infrequent ; on steep northeast facing slope.

5158. Thelypteris phegopteris (L.) Slosson in Rydb. ; on steep northeast facing slope. Frequent

5159. Polystichum acrostichoides (Michx.) Short ; on steep northeast facing slope. Frequent.

5160. Aster simplex Willd. ; abundant
Along roadside near ravine. Rays blue, disc yellow.

5161. Aster patens Aiton ; frequent
Along roadside near ravine. Rays deep blue, disc yellow.

October 1, 1984: MS; OKtibbeha Co., Next to city ailment. Disturbed site, T18N, R14E, Sec 3.

5162. Ipomea purpurea (L.) Roth.

October 1, 1984; MS: OKtibbeha Co., Along Chinchahoma Creek at hiway 25 bridge. T17N, R13E S12, SW4.

5163. Iva annua L. ; frequent.
5164. Mecardonia acuminata (Walter) Small ; frequent.
5165. Hypericum mutilum L. ; frequent
5166. Penthorum sedioides L. ; frequent
5167. Phyllanthus caroliniensis Walter ; infrequent
5168. Aster pilosus Willd. ; frequent ; edge of woods

October 3, 1984: MS: OKtibbeha Co.; In old field along Montgomery Street ca. 3 mile south of hiway 12. T18N R14E S14SW4.

5169. Aster novae-angliae L. ; abundant.
5170. Xanthium strumarium L. ; at edge of road, abundant.

October 3, 1984; MS: OKtibbeha Co., In woods along old road behind Zion Church west of hiway 25. T17N, R13E, S23. Acid soils.

5171. Saymeria cassioides (J.F. Gmelin) Blake ; frequent.
5172. Lycopodium appressum (Chapman) Lloyd & Underwood; frequent

October 3, 1984. MS: OKtibbeha Co., In drainage ditch just east of Vet School on Mississippi State University Campus. T18N. R14E S11.

5173. Aster subulatus Michx. var. ligulatus Shinners; annual-taproot; abundant; Ray flowers deep blue to purple, disc yellow.
5174. Aster pilosus Willd. ; Rare, Ray flowers white, disc yellow; plant ca. 2 meters tall.
5175. Iva annua L. ; frequent.
5176. Acalypha gracilens Gray. ; infrequent
5177. Sesbania exaltata (Raf.) Rydberk ex A.W. Hill; frequent. plants ca. 3 meters tall. Mostly in fruit.

October 13, 1984. MS: Tishomingo Co.; Tishomingo State Park. ca. 3. miles north of hiway 4 & 25 and ca. 1 mile east of hiway 25. T5S, R11E S6, 31, 32 & R10E S36, 25. With Linda Timme.

5178 Conocephalum conicum (L.) Und.
On sandstone ledge along Mauldin Branch, abundant. R10E, S25.
5179 Bryoandersonia illecebra (Hedw.) Robins.
On exposed roots & soil along Mauldin Branch, abundant. R10E, S25
5180. Mnium cuspidatum Hedw.
On soil over sandstone ledge along Mauldin Branch, frequent. R10E, S25.
5181. Leskea gracilescens Hedw.
On roots along Mauldin Branch, frequent R10E S25

5182. Leskea gracilescens Hedw.
On bark of log. Frequent. R10E S25.

5183. Bryum bicolor Dicks
On soil along Mauldin Branch. R10E S25. Frequent.

5184. Mnium affine Bland. ex Funck.
On soil along Mauldin Branch. Frequent. R10E S25.

5185. Amblystegium tenax (Hedw.) C. Jens.
On rock in Mauldin Branch. Frequent. R10E S25.

5186. Barbula cancellata C.M.
On soil along Mauldin Branch. Infrequent. R10E S25.

5187. Leskea gracilescens Hedw.
On roots along Mauldin Branch. Frequent. R10E S25

5188. Entodon seductrix (Hedw.) C.M.
On roots along Mauldin Branch. Frequent. R10E S25

5189. Bryoandersonia illecebra (Hedw.) Robins.
On soil in woods near Mauldin Branch. Frequent. R10E S25

5190 Fissidens bushii (Card. & Ther.) Card. & Ther.
On soil over sandstone. Frequent. R10E S25. Along Mauldin Branch.

5191. Amblystegium tenax (Hedw.) C. Jens.
On soil along Mauldin Branch. Frequent. R10E S25

5192. Mnium cuspidatum Hedw.
On soil over roots near Mauldin Branch. Frequent. R10E S25

5193. Fissidens bushii (Card. & Ther.) Card. & Ther.
On soil over roots near Mauldin Branch. Frequent. R10E S25.

5194. Bryum bicolor Dicks.
On soil along Mauldin Branch. Infrequent. R10E S25

5195. Amblystegium tenax (Hedw.) C. Jens.
On thin soil over moist sandstone along Mauldin Branch. Frequent. R10E S25.

5196. Bryoandersonia illecebra (Hedw.) Robins.
On small roots juting out from sandstone ledge along Mauldin Branch. R10E525.

5197. Fissidens bushii (Card. & Ther.) Card. & Ther.
On soil in crevice of sandstone ledge along Mauldin Branch. R10E525. Frequent.

5198. Bryum pseudotriquetrum (Hedw.) Gaert., Meyer & Scherb.
On soil over sandstone along Mauldin Branch. Frequent. R10E525.

5199. Ephemerum spinulosum Bruch & Schimp. ex Schimp
On soil over sandstone along Mauldin Branch. Infrequent. Mixed with 5198. R10E525.

5200. Sematophyllum marylandicum (C.M.) E.G. Brit.
On rock in Mauldin Branch. Infrequent. R10E525.

5201. Tortella humilis (Hedw.) Jenn.
On bark at base of oak. Frequent. R10E525.

5202. Thelia hirtella (Hedw.) Sull.
On bark of oak. Frequent. R10E525.

5203. Hedwigia ciliata (Hedw.) P.-Beauv.
On thin soil at base of oak. Frequent. R10E525.

5204. Tortella humilis (Hedw.) Jenn.
On soil in woods on north side of Haynes Lake. Frequent. R10E525.

5205. Leucodon julaceus (Hedw.) Sull.
On bark of oak, Woods north side of Haynes Lake. Frequent. R10E525.

5206. Radula australis Aust. mixed with Frullania eboracensis Lehm.
On bark of oak. Woods north side of Haynes Lake. Infrequent. R10E525.

5207. Dicranum scoparium Hedw.
On soil in woods north side of Haynes Lake. R10E S25.

5208. Tortella humilis (Hedw.) Jenn.
On soil in woods north side of Haynes Lake. R10E S25. Frequent.

5209. Amblystegium serpens (Hedw.) BSG.
On sandy soil at edge of Haynes Lake. Frequent. R10E S25.

5210. Entodon sullivantii (C.M.) Lindb.
On rock in small stream branch on northwest side of Haynes Lake. Infrequent. R10E S25.

5211. Rhynchostegium serrulatum (Hedw.) Jaeg. & Sauerb.
On soil along a small stream branch on northwest side of Haynes Lake. Infrequent. R10E S25.

5212. Fissidens bushii (Card. & Ther.) Card. & Ther. mixed with Rhynchostegium serrulatum
On soil over sandstone along a small stream branch on northwest side of Haynes Lake. Infrequent. R10E S25.

5213. Leucolejeunea clypeata (Schwein.) Evans mixed with Plagiochila dubia Lindenb. & Gott.
On tree along stream in woods (Quarry Branch). Infrequent. R10E S25

5214. Hypnum cupressiforme Hedw. mixed with Bryoandersonia illecebra
On thin soil over sandstone in woods near Quarry Branch. Frequent. R10E S25.

5215. Amblystegium tenax (Hedw.) C. Jones with Pellia epiphylla (L.) Corda
On soil over sandstone along Quarry Branch. Frequent. R10E S25.

5216. Solenostoma gracillimum (Sm.) Schust. mixed with Atrichum angustatum (Brid.) BSG
On soil over sandstone along Quarry Branch. Frequent. R10E S25.

5217. Anomodon rostratus (Hedw.) Schimp.
On soil over sandstone along Quarry Branch. Frequent. R10E S25.

5218. Scapania nemorosa (L.) Dumm.
On soil over sandstone along Quarry Branch. Frequent. R10E S25.

5219. Pellia epiphylla (L.) Corda
On soil along Quarry Branch. R10E525. Infrequent.

5220. Pellia epiphylla (L.) Corda
On thin soil over verticle sandstone along Quarry Branch. Frequent. R10E525.

5221. Campylium chrysophyllum var. brevifolium (Ren. & Card.) Grout
On rock in Quarry Branch. Frequent. R10E525.

5222. Brachythecium oxycladon (Brid.) Jaeg. & Sauerb.
On soil along Quarry Branch. Frequent. R10E525.

5223. Sematophyllum adnatum (Mx.) E.G. Britt. with Odontoschisma prostratum (Sw.) Trev. Cephalozia connivens (Dicks.) Lindb.
On barkless log in woods, just off blacktop road. Abundant. R10E536.

5224. Cephalozia connivens (Dicks.) Lindb.
On barkless log in woods, just off blacktop road. Abundant R10E536.

5225. Fissidens bushii (Card. & Ther.) Card. & Ther. with Brachythecium acuminatum (Hedw.) Rau & Herv.
On thin soil over sandstone along Quarry Branch. Infrequent. R10E525.

5226. Jamesoniella autumnalis (DC.) Steph.
On thin soil over sandstone along Quarry Branch. Frequent. R10E525.

5227. Pallavacinia lyellii (Hook.) Carruth.
On soil along Quarry Branch. Frequent. R10E525.

5228. Dicranum scoparium Hedw.
On soil in woods along Quarry Branch. Frequent. R10E525.

5229. Fontinalis flaccida Ren. & Card.
In Quarry Branch. attached to rock. Infrequent. R10E525.

5230. Aulacomnium heterostichum
On soil at base of tree. In wood near Quarry Branch. Frenquent. R10E525.

5231. Riccia sorocarpa Bisch.
On soil around CCC Lake. Frequent. R10E536.

5232. Anthoceros carolinianus Michx.
On soil around CCC Lake. Rare. R10E536.

5233. Leucolejeunea clypeata (Schwein.) Evans
On thin soil over rock along spillway of CCC Lake. Infrequent. R10E536.

5234. Riccia sorocarpa Bisch.
On soil along CCC Lake. Infrequent. R10E536.

5235. Atrichum angustatum (Brid.) BSG
On soil along CCC Lake. Frequent. R10E536.

5236. Riccia sorocarpa Bisch.
On soil along CCC Lake. Infrequent. R10E536.

5237. Selaginella apoda (L.) Spring.
On soil along CCC Lake. Infrequent. R10E536.

5238. Dicranum fulvum Hook. On soil over sandstone.
On sandstone rocks in woods around CCC Lake. Frequent. R10E536.

5240. Mnium punctatum Hedw. mixed with Entodon sullivantii (c.m.) Lindb.
On soil around water faucet at campsite 13 near lake. Frequent. R10E525.

5241. Aster patens var. phlogifolius (Muhl.) Nees.; at edge of woods throughout. R10E525.

5242. Prenanthes barbata (T.&G.) Milstead; edge of woods and open area on back side of Haynes Lake dam. R10E525

5243. Aster pilosa Willd.; edge of woods and open disturbed areas. Frequent. R10E S25.

5244. Chrysopsis mariana (L.) Elliott.; in dry rocky woods along trail on north side of Haynes Lake. Infrequent. R10E S25.

5245. Eleocharis microcarpa Torrey; abundant at waters edge on Haynes Lake. North side of Lake. R10E S25.

5246. Aster shortii Lindl.; in dry woods; frequent along park road. R10E S25.

5247. Prenanthes altissima L.; in dry woods; infrequent throughout. R10E S25.

5248. Solidago caesia L.; on sandstone in crevice along Quarry Branch. R10E S25

5249. Menispermum canadense L.; along trail around CCC Lake in woods. R10E S36.

5250. Eupatorium perfoliatum L.; At edge of Haynes Lake on south side. R10E S25.

5251. Hypericum crux-andreae (L.) Crantz.; in dry rocky woods on trail on north side of Haynes Lake. R10E S25.

5252. Alnus serrulata (Ait.) Willd.; at edge of Haynes Lake at campsite 13. R10E S25.

5253. Rhododendron canescens (Michx.) Sweet; at edge of Haynes Lake at campsite 13. R10E S25.

5254. Cornus florida L.; frequent along park road. R10E S25.

October 14, 1984. MS. Lee Co., On roadside along Natchez Parkway. ca. 3.5 northeast of junction 363 and Natchez Parkway. T8S, R7E, S6NW4.

5255. Sonchus oleraceus L.; common and abundant along roadside.
5256. Leptoloma cognatum (Schultes) Chase; abundant along roadside.

October 16, 1984. MS: OKtibbeha Co., Prairie area ca. 2.2 mile north of hiway 82 (old) and east of junction 389 and 82 ca. 4.2 mile. T20N, R15E, S16 SW4.

5257. Aster patens var. gracilis Hook.; relatively abundant.
5258. Aster ericoides L.; abundant
5259. Chrysopsis camporum Greene; frequent.
5260. Aster praealtus Poirat.; frequent at edge of woods and prairie.

October 27, 1984; MS: Tishomingo Co.; Tishomingo State Park. ca. 3 miles north of hiway 4 & 25 and 1 mile northeast of hiway 25. R10E, T5S, Sec. 25. Along Quarry Creek.

5261. Brachythecium oxycladon (Brid.) Jaeg. & Sauert.; Frequent On soil along creek.
5262. Mnium cuspidatum Hedw.; Frequent; On soil at base of tree.
5263. Odontoschisma prostratum (Sw.) Trev.; Diphysium foliosum (Hedw.) Mohr; and At edge of sandstone ledge on soil; abundant
5264 Odontoschisma prostratum (Sw.) Trev. Abundant; On soil over sandstone.

5265. Fissidens cristatus Wils. ex Mitt with Bryoandersonia illecebra. On soil of stream bank. Frequent.
5266. Campylium chrysophyllum (Brid.) J. Lange On soil of stream bank.
5267. Bryoandersonia illebra (Hedw.) Robins. On soil of stream bank.
5268. Hedwigia ciliata (Hedw.) P. Beauv. On sandstone rock boulders in oak woods.
5269. Syrropodon texanus Sull.; In crevice of verticle sandstone.
5270. Bryum pseudotriquetrum (Hedw.) Gaertn., Meyer & Schreb.; On soil of stream bank.
5271. Rhynchostegium serrulatum (Hedw.) Jaeg. & Sauerb.; On soil of stream bank.
5272. Campylium chrysophyllum (Brid.) J. Lange; On soil of stream bank.
5273. Porella pinnata L.; seepage area; Thin soil over sandstone.
5274. Syrropodon texanus Sull.; abundant; On soil at edge of sandstone bluff.
5275. Ditrichum pallidum (Hedw.) Hampe; On soil along stream.
5276. Anomodon rugalii (C.M.) Kaissl.; frequent; On thin soil over sandstone.
5277. Odontoschisma denudatum (Nees) Dum.; On thin soil over sandstone.
5278. Dicranum scoparium Hedw.; abundant; On soil beneath trees along stream.
5279. Brachythecium oxycladon (Brid.) Jaeg. & Sauerb.; On soil at edge of sandstone bluff.
5280. Bryum pseudotriquetrum (Hedw.) Gaertn., Meyer & Schreb.; On soil along stream.
5281. Selaginella apoda (L.) Spring; on soil along stream.
5282. Dicranum scoparium Hedw. On soil over sandstone.
5283. Dicranella varia (Hedw.) Schimp. – On soil along stream.
5284. Odontoschisma prostratum (Sw.) Trev. On soil over sandstone.
5285. Anomodon rostratus (Hedw.) Schimp.; on soil over sandstone.

5286. Leucobryum albidum (Brid.) Lindb.; On soil over sandstone.
and Odontoschisma prostratum (Sw.) Trev.; At ledge of bluff.
5287. Odontoschisma prostratum (Sw.) Trev.; On thin soil over sandstone.
5288. Bryoandersonia illecebra (Hedw.) Robins.; On soil over sandstone.
5289. Amblystegium riparium (Hedw.) BSG.; On rotting log.
5290. Aulacomnium heterostichum (Hedw.) BSG; On soil of stream bank.
5291. Anomodon rostratus (Hedw.) Schimp.; On bark at tree base.
5292. Fissidens subbasilaris Hedw.; On bark at Tree base.
5293. Porella pinnata L.; Abundant On rock in a seepage of east facing slope along stream.
5294. Aulacomnium heterostichum (Hedw.) BSG.; On soil of stream bank.
5295. Dicranum fuscescens Turn.; Frequent; on soil in oak woods.
5296. Dicranella heteromalla (Hedw.) Schimp.; frequent; On soil along stream.
5296a. Calypogeia fissa (L.) Radd.; Scapania nemorosa (L.) Dum.;
Cephalozia connivens (Dicks.) Lindb.; frequent on soil along stream.
October 14, 1984; MS: Tishomingo Co. Tishomingo State Park,
Along nature trail on north side of Bear Creek. Elevation ranges from ca. 440' to 500'. Area has steep rocky slopes with many boulders. R11E, T5S, S31, NE4
5297a. Ricciocarpus natans (L.) Corda; on soil at edge of Bear Creek.
5297. Anomodon rostratus (Hedw.) Schimp.; Abundant; On thin soil over sandstone.
5298. Leucolejeunea clypeata (Schwein.) Evans; On bark; frequent
5299. Pallavicinia lyellii (Hook.) S. Gray with Sphagnum subsecundum Nees ex Strym; On rock in seepage area draining into Bear Creek.
5300. Jubula pennsylvanica (Steph.) Evans; On rock of seepage area draining into Bear Creek.

5301 Frullania eboracensis Lehm.; scattered; On bark.
5302. Pylaisiella selwynii (Kindb.) Grum, Steere & Anders; on bark of hardwood.
5303 Amblystegium riparium (Hedw.) BSG.; On soil
5304. Fissidens subbasilaris Hedw.; frequent; on bark of tree base.
5305 Anomodon rostratos (Hedw.) Schimp.; mixed with 5304; on bark at tree base.
5306 Leucodon julaceus (Hedw.) Sull.; frequent; On bark of oak.
5307. Syrropodon texanus Sull.; frequent; On soil in crevice of sandstone bluff.
5308. Dicranum flagellare Hedw.; frequent; On thin sandstone soil of rock.
5309. Pallavacinia lyellii (Hook.) S. Gray; Frequent; On soil along intermittant
5309a. Sphagnum compactum DC ex Lam. & DC; stream flowing into Bear Creek
5310. Leucobryum albidum (Brid.) Lindb.; Frequent; On soil along intermittant stream flowing into Bear Creek. On rock.
5311. Pellia epiphylla (L.) Corda; Frequent; On soil along intermittant stream flowing into Bear Creek.
5312 Isopterygium elegans (Brid.) Lindb.; On soil along intermittant Frequent stream flowing into Bear Creek.
5313 Pallavacinia lyellii (Hook.) S. Gray; On soil along stream flowing Frequent; into Bear Creek.
5314. Pallavacinia lyellii (Hook.) S. Gray; On soil along stream flowing Frequent; into Bear Creek.
5315. Bryoandersonia illecebra (Hedw.) Robins.; On soil of west facing Slope.
Scapania nemorosa (L.) Dum.; Sematophyllum adnatum (Hedw.) Mitt.
5316. Anomodon viticulosus (Hedw.) Hook. & Tayl. On bark at tree base.
5317. Cephalozia connivens (Dicks.) Lindb.; Isopterygium tenerum (Sw.) Mitt.; on log.
5318. Isopterygium tenerum (Sw.) Mitt.; On rotting log.
5319. Polytrichum ohioense Ren. & Card.; On soil in woods.
5320. Porella platyphylla (L.) Lindb.; On tree trunk in water.